HCLTech | aws

AI That Delivers ROI

Agentic I Secure I Scalable

HCLTech AWS business unit

Driving cloud transformation excellence with proven expertise

AWS Premier
Consulting partner

53,000
AWS-trained resources

AWS New Zealand
Regional Launch Partner

30,000
AWS-certified resources

39
Competencies and SDPs

20
service delivery specialisations

AWS D2E
validated Program Partner

600+
global clients

50+
Agentic solutions on AWS marketplace

Rated leaders by analysts

Everest Group PEAK MATRIX

Avasant

Gartner

HFS

Forrester

ISG Provider Lens

HCLTech AWS ecosystem offerings

Strategy and consulting

Cloud assessment and migration frameworks

- EXACTO (Explore, Analyse, Craft, Transform and Operate)
- Cloud Acceleration Framework
- Green field cloud adoption
- Cloud readiness and organization change mgmt.

Managed cloud operations

- Hybrid / multi cloud managed services (Anthos)
- Cloud governance and FInOps
- Cloud architecture patterns and SRE best practices
- AIOPS and DevOps automation

COE / innovation labs

- Sandbox environment for POC's
- Advisory and consulting on cloud native services
- Beta release/ services evaluation, feedback
- Talent academy and workforce modernisation

Migration and modernization services

Data centre transformation

- DC exit readiness assessment
- Business case and comparative TCO view
- Detailed wave group planning and timelines
- Build secure foundation and migration of workloads
- IT asset divest and DC decommission

Infrastructure and platform

- Full stack assessment
- Cloud native and enterprise foundation services
- Workload planning and migration services
- BareMetal services
- Virtual to container migration

Modernisation

- Application modernisation
- Mainframe modernisation
- Contact centre modernisation
- Build secure foundation and migration
- Infrastructure modernisation

Data engineering and AI

- Data modernisation and migration
- Data quality management
- Data governance and security
- Advanced analytics
- Machine learning

Data engineering and AI

- Enterprise SAP assessment
- Modernise SAP systems and applications
- SAP migration services
- SAP S/4HANA on cloud transformation

Digital workplace

- Messaging and unified communication and collaboration
- End user device's and device as service
- Workspace engineering

Security

- Cloud native
- Multi-tier cloud
- Vulnerability management
- Compliance and risk assessment
- Data security and privacy

Industry X.0, iOT

- Strategy/roadmap
- OEM partnerships
- Connected offerings
- Security
- Cloudification

Generative AI

- Assessment, strategy
- Sandbox Enrivonment for POC's, Prod Deployment
- Responsible, ethical AI
- MLOps, LLMOps
- AWS joint solutioning

AI and GenAI offerings

AI Force
Service transformation

- Acceleration of **AI-driven software and silicon engineering lifecycle**
- Reliability and performance of internal IT services through **AI-driven IT Ops**
- Efficiency of businesses processes through **AI-driven Business Process**

AI Foundry
Value stream innovation

- Acceleration of time-to-value from an AI deployment through **AI-ready data and insights**
- Optimised AI deployment cost through **AI-ready infrastructure (edge, data center, computing)**

AI Labs
Use case centric

Hands-on acceleration of the client's journey through

- **AI Experience** zones
- **'Art of the possible'** AI consulting and advisory AI ideation to MVP
- Journey into production

AI Engineering
Customer centric

- Enhanced enterprise competitiveness through **Semiconductor engineering**
- Improved organizational efficiency and efficacy through **AIOT**
- **Physical AI**

AI-driven business outcomes through AI-ready industry focused repeatable solutions (IFRS)

Responsible AI

Partner Collaborated Innovation

Highlights from the world of HCLTech-AWS GenAI

AWS GenAI Services Launch Competency Partner

GenAI strategic collaboration agreement with AWS

14 time winner in AWS hosted GenAI hackathons

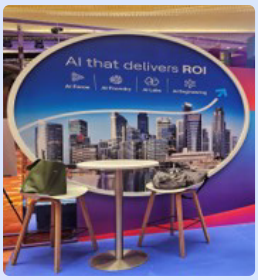
10+ Agentic AI solutions successfully launched on AWS AI Agents and Tools marketplace

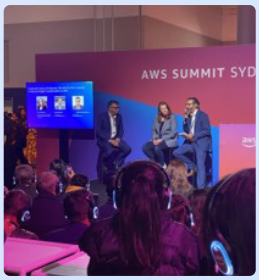
Winner of Amazon Nova competition in the Auto and Manufacturing segment

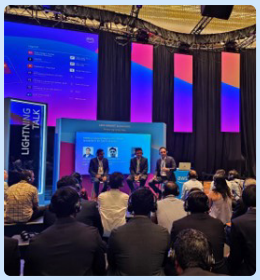
AWS recommended GenAI partner in ASEAN, APJ and ANZ region

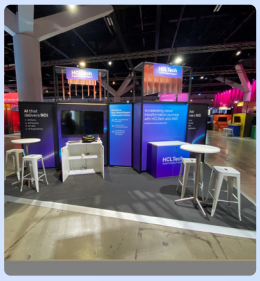
Amazon Transform Launch Partner

Lightning theater session by CBA at AWS Summit Sydney 2025









HCLTech Agentic AI solutions

HCLTech – Automated Document Generation with Agentic AI

- HCLTech's Automated Document Generation solution is build to leverage content generation power of LLM and automation capability of AI-powered Agents to revolutionize the document creation process. By leveraging this solution as an accelerator, different personas like Architects, Consultants who are involved in different project cycles can increase their productivity by 50-60% resulting in a faster time-to-market to deliver the documentations.

HCLTech Autowise Companion

- HCLTech AutoWise Companion is a transformative generative AI solution designed to enhance the automotive purchasing journey for customers. Powered by advanced language models and multi-modal capabilities, the platform provides a seamless and impactful experience for both buyers and automotive manufacturers (OEMs).

Claim Assist – Accelerating Claim Verification

- Our solution offers a powerful answer to the operational challenges faced by the insurance industry, enhancing the arduous process of document classification, indexing and verification of client files with exceptional precision and speed. It seamlessly integrates with insurers' current systems for verification and generating action items for the reviewers. It also provides 'reviewers mindset' from claims history (of similar claim category).

Agentic AI FraudShield – Real-Time Financial Fraud Deep Investigation

- FraudShield is a real-time, Agentic AI-driven fraud investigation platform purpose-built to transform how financial institutions, payment providers, and high-volume transaction businesses detect, analyze, and respond to fraudulent activities.

PharmaSmart – Regulatory Intelligence AI Agent by HCLTech

- The PharmaSmart – Regulatory Intelligence AI Agent solution provides a range of capabilities designed to accelerate compliance with new regulations while reducing manual effort. It can crawl a large number of regulatory websites and sub-sites at predefined intervals, summarize the content, and generate comprehensive reports highlighting changes. These reports are automatically shared with key stakeholders at scheduled intervals.

HCLTech – Accelerate Mainframe Modernization with Amazon Bedrock Agents

- The PharmaSmart – Regulatory Intelligence AI Agent solution provides a range of capabilities designed to accelerate compliance with new regulations while reducing manual effort. It can crawl a large number of regulatory websites and sub-sites at predefined intervals, summarize the content, and generate comprehensive reports highlighting changes. These reports are automatically shared with key stakeholders at scheduled intervals.

HCLTech Agentic AI solutions (Cont....)

InstaResolve-AI – Intelligent Issue Resolution with Agentic AI

- InstaResolve-AI is a complete AI-powered ecosystem designed to streamline enterprise issue resolution. Built on AWS, it integrates with ITSM platforms such as ServiceNow and Salesforce to unify fragmented knowledge, enable semantic AI search, and provide real-time, intelligent support workflows.

HCLTech - Asset Reliability GenAI Suite (ARGiS)

- Our cutting-edge Generative AI solution, ARGiS- revolutionizes asset reliability and maintenance, empowering manufacturing organizations to optimize asset performance, enhance safety, and reduce downtime. By harnessing the power of IoT, machine learning, and Generative AI, we deliver a comprehensive suite of tools that proactively predict tool wear, monitor asset health, provide actionable insights, and enable seamless knowledge sharing across maintenance teams.

Digital Twin Insurance Agent - Claim Automation using Agentic AI

- Digital Twin Insurance Agent is a comprehensive Agentic AI solution focused on improving customer experience by substantially reducing claim processing time. The solution improves claim adjuster productivity, identifies sensitive claims, intelligently routes based on business rules and validates claim data through a conversational interface.

EV Assist – Revolutionizing EV Assistance with Generative AI

- HCLTech Electric Vehicle (EV) Assist is a GenAI powered intelligent solution designed to optimize the EV driving experience. It provides real-time insights on battery usage, charging infrastructure, and personalized driving recommendations to maximize efficiency and reduce range anxiety. The solution offers proactive support in emergencies, such as finding nearby service centers or scheduling maintenance, ensuring a safer, more convenient drive.

PriorAuth - Revolutionising Prior Authorization for Insurers – AgenticAI

- PriorAuth is a transformative Agentic AI solution that automates and revolutionizes the entire Prior Authorization verification process for insurance payers. By leveraging Agentic AI, natural language processing, and machine learning, our solution drastically reduces manual effort, increases accuracy, gets aligned with CMS Interoperability Regulations of 2027 and accelerates document processing by reducing processing time from hours to minutes.

HCLTech - Intelligent Insurance Intake with Agentic AI

- HCLTech Intelligent Insurance Intake solution streamlines document processing for insurance companies through an Agentic AI architecture pattern. Built on Amazon Bedrock Agents, our solution coordinates multi-step processing through specialized agents, creating an intuitive interface where insurance professionals can interact with complex information through simple conversations.

What makes HCLTech an ideal partner for AWS adoption?

Pioneering AI-led enterprise transformation

- AI Labs: Driving co-innovation with AWS to build production-ready, domain-specific GenAI solutions
- HCLTech AI Force: End-to-end GenAI service transformation platform enabling scalable adoption across enterprise functions
- Virtual Assistants for HR, Claims, CX, Finance and Ops — built, tested and ready for enterprise deployment

Innovation and industry focus

- Industry focus repeatable solutions (IFRS) - Strategic initiative to create solutions solving Industry/Client Problem that can be delivered across multiple clients
- Established demo factory for quick Use Case demo - Set up done for some of our marquee LSH clients
- Achieved Life Sciences Competency
- 40+ Industry solutions developed jointly with AWS spanning across FS, Auto, Manufacturing

Strategic "GenAI" partner for AWS

- 50K+ Engineering Workforce enabled on GenAI and HCLTech AI Force via tailored learning tracks
- Joint GTM and Demand Generation campaigns
- Selected entry for Nova Pro and EMEA Hackathons
- Elite Launch Partner for AWS Transform (MF)
- Agentic AI Marketplace Solution Listing during NY Summit
- Solutions listing in AWS Innovation Lab
- GenAI Strategic Collaboration Agreement

Experienced and certified workforce

- 500+ trainings done on GenAI and AWS Native Services
- Continuous Workforce Modernization through persona-based curriculum
- AI-focused hackathons to foster innovation and hands-on experience
- Account based enablement sessions in conjunction with AWS

Products and platforms

- 1st Indian HQ GSI to be an ISV AWS partner
- SCA with HCLSoftware
- 60+ Marketplace solutions / services
- Digital transformation partner for leading banks, manufacturers and oil and Utilities

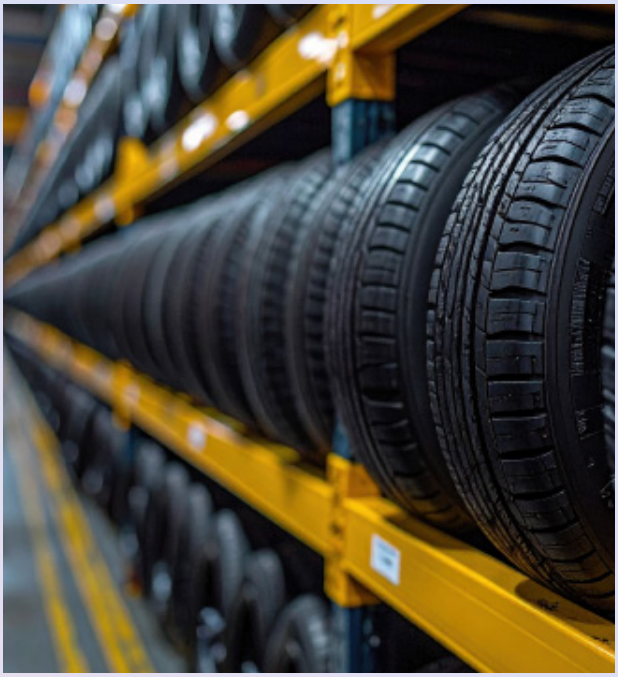
Partnership awards and analyst recognition

- Won AWS EMEA FSI Sustainability Innovation Challenge for SF360 solution
- Award-Winning Hackathon Track Record – Validated by 6 AWS GenAI Hackathon wins
- Enterprise AI Award by AWS

Cloud transformation – success stories

Large scale modernization for an Australian multinational bank providing a variety of financial services

- API Modernization with AI Force
- Migration of legacy .NET 3.5 applications to .NET 6.0, improving maintainability and performance
- Automated discovery and dependency mapping across the API estate
- Accelerated the design and deployment of interim and target-state solutions
- Integration with the client's tools ecosystem
- Deployed an end-to-end framework tool with data sources from Omnia and GDW via Autosys workload automation tool
- Explored and utilized the AWS Transfer Family feature to move files from on-premises to DHP Production
- Onboarded to all DevSecOps tools, including Observe Log, Grafana and more
- With AI Force, ~30–40 % increase in team productivity was achieved through auto generate documentation, application code and unit test cases
- The applications was released to lenders and brokers within 4 weeks of each other, resulting in faster loan processing and KYC



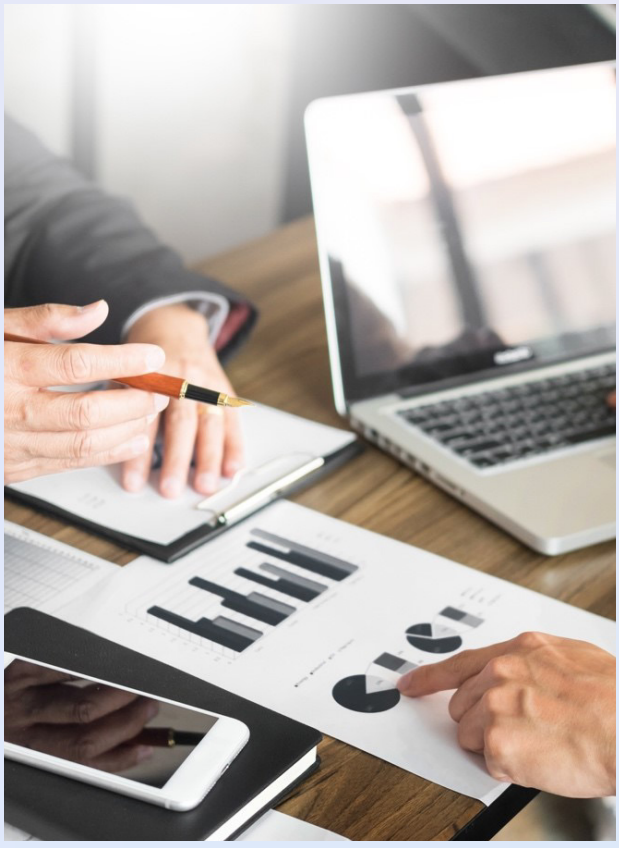
Design transformation on AWS for the world's largest tire manufacturer

- Migration of PTC Creo CAD application on AWS AppStream to remote design development and collaboration
- PTC Windchill PDM migration to AWS EC2, RDS and S3 for agility, scalability and resilience
- Greenfield PLM implementation on DS 3DX as the strategic tire design platform
- Consolidation of custom applications to DS 3DX for better collaboration and data exchange
- Migration of CAE simulation and the modernization of job submission processes utilizing AWS ParallelCluster to enhance scalability, agility and performance
- Rearchitecting bespoke tire design applications to cloud-native and deployment within a containerized environment
- The application performance has enhanced by 20% following the migration and post-platform upgrade, while the costs associated with infrastructure hosting have decreased by 25%

Connecting on-road vehicles to cloud for analytics: a global auto giant's fleet transformation with AWS IoT FleetWise

- Ingestion of telematics data from Vehicle OEM's micromobility vehicle fleet using AWS IoT FleetWise
- Processing the data over cloud for seamless integration with third-party fleet management platforms
- IaaC automation for easier provisioning of AWS FleetWise infrastructure and onboarding of new vehicles
- Standardized IoT FleetWise Edge Agent enabling simplified vendor-agnostic device integration with support for CAN Bus, GPS and custom network-independent data collection
- Native support with AWS IoT ecosystem and flexible signal catalog for multiple vehicle types
- Uses Amazon Timestream and Amazon S3 with built-in data transformation and routing
- Ensures encrypted transfer and secure APIs via AWS IoT Core and IAM

Transforming legacy systems with scalable cloud solutions



- Conducted a comprehensive evaluation of legacy systems to identify dependencies and complexities and developed a phased migration strategy with detailed risk assessments and application prioritization to ensure a streamlined process
- Utilized AWS Database Migration Service (DMS) and AWS Schema Conversion Tool (SCT) to ensure accurate data transfer with minimal downtime and implemented robust validation techniques to verify data integrity before and after the migration
- Adopted a phased strategy to migrate less critical applications first, minimizing disruptions to essential services and incorporated learnings from initial migrations to optimize subsequent phases
- Established a rigorous testing framework, validating application performance, security and functionality in the AWS environment before go-live
- Leveraged AWS's built-in security features, including Identity and Access Management (IAM), encryption and Virtual Private Cloud (VPC) and conducted regular audits to ensure adherence to regulatory requirements and industry standards
- Delivered training programs for internal teams to bridge skill gaps and enable the workforce to manage AWS technologies effectively and collaborated with AWS consultants to bring in expertise for complex tasks
- Engaged stakeholders early, communicated the benefits of cloud migration and addressed concerns to ensure smooth adoption
- Used AWS cost management tools, such as AWS Cost Explorer, to monitor and control expenses throughout the migration process
- Reduced operational costs by 30-50% through AWS's serverless model and pay-as-you-go pricing and optimized database costs by 20-30% with managed solutions like Amazon RDS for Oracle and PostgreSQL
- Improved application response times by up to 40% with dynamic scaling on AWS ECS Fargate and achieved 50% faster transaction processing through RDS's built-in replication and failover features
- Accelerated data processing and analytics by 30–70% using AWS Data Lake and EMR and streamlined IT operations with automated scaling and monitoring

Transforming operational efficiency in the aviation industry

- Migrated applications to AWS, allowing for improved scalability and vendor independence
- Automated workflows to reduce manual intervention in scheduling and operational processes
- Introduced new features to improve application functionality and data management
- Ensured the application ecosystem could be easily updated and scaled to meet future needs

HCLTech show at AWS re:invent 2025

- Dedicated booth to showcase 20+ innovative solutions covering industry, GenAI, Data and AI, etc
- Lighting Talk Session with our client (CBA)
- GeekWire Studio partner interview with HCLTech leaders
- EBC connects with the AWS leadership team
- Dedicated meeting room suite to host client meetings
- Client networking reception

For more information, please get in touch with

Prabhakar Appana
SVP & Global Head of AWS Business Unit
prabhakar.appana@hcltech.com

Gaurang Rao
Global Alliance Lead - AWS
gaurangr@hcltech.com

Debabrata Panda
AVP & Business Development Lead - APJ & ME | Singapore, AWS Business Unit, HCLTech
debabrata.panda@hcltech.com

Kiran Sarva
Chief Architect and Technology Lead, HCLTech
kiranbabu.sarva@hcltech.com

Arun Krishnamoorthy
Americas Business Development Lead, (Life Sciences and Healthcare)
kiranbabu.sarva@hcltech.com

Sadagophan Srinivasan
Ecosystem Channel Lead, AWS GTM
sadagophan.srini@hcltech.com

Lalit Aggarwal
Americas Business Development Lead (MegaLT), HCLTech
lalit.aggarwal@hcltech.com

HCLTech | Supercharging Progress™

hcltech.com