

ASHISH JAISWAL

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EXECUTIVE SUMMARY

Senior Engineering Leader with around **20 years of experience** leading **global teams** in building **high-reliability, cloud-native (AWS/Multi-Cloud) SaaS platforms**. Demonstrated success in **scaling engineering organizations**, driving **AI/ML initiatives (Generative AI, MLOps)**, and executing **multi-million-dollar programs**. Possesses deep expertise in **event-driven distributed systems, API-first microservices, CI/CD pipelines, cybersecurity, and regulatory compliance** — consistently advancing engineering velocity and operational excellence. PMI-ACP certified.

KEY ACHIEVEMENTS

- **AI Strategy and Execution:** Led the company's first AI initiative end-to-end; building a new team, validating feasibility via a rapid POC, and delivering an MVP within 3 quarters. Reduced manual curation 90% and saving \$650K.
- **Cloud-Native Platform Transformation:** Led the API-first and event-driven architecture, design, and implementation of a high-throughput AWS SaaS platform for scientific/genomic data, achieving **10x scalability, 30% faster processing**, and ensuring full **ISO 13485** and **HIPAA** compliance.
- **Strategic Product Migration & Team Scaling:** Transitioned full product portfolio to India in 6 months, building a 0→60+ member hybrid (FTE + vendor) engineering team with zero business disruption.
- **Improved Hiring Process:** Optimized talent acquisition, reducing time-to-fill 40% and improving quality-of-hire 15% via structured interviews and calibration.
- **Stakeholder Engagement:** Influenced strategy in MBRs, securing \$500K for a Platform Transformation team, raising developer productivity 20% and lowering operational costs 15%.
- **Led SDLC process and SOP design as a core committee member,** enabling company-wide adoption in 6 months and improving delivery consistency and product quality.

SKILLS

- **Leadership & Strategy:** Engineering Transformation, Scrum/Kanban/SAFe, KPI/OKRs, Team Scaling, Budgeting and vendor management
- **AI/ML:** Generative AI, NLP, Predictive Modeling, PyMuPDF, Pandas, LangChain, Copilot
- **Cloud & Infra:** AWS, GCP, Kubernetes, Docker, Terraform, CI/CD, MLOps
- **Data & Architecture:** Microservices, Event-driven (Kafka, SQS), Spark, API-First, ELK stack, ETL
- **Programming & DBs:** Java, Spring Boot, Python, Node.js, React, C/C++, PostgreSQL, NoSQL-MongoDB, Dynamo, Redis
- **Security & Compliance:** OAuth2, SAML, OWASP Best Practices, GDPR, HIPAA

EXPERIENCE

Senior Engineering Manager | Velsera – Health Tech | Pune, India | Apr 2023 – Present

- Scaled and led a 45-member engineering team to architect and deliver an AI-powered biomedical knowledge extraction platform leveraging cloud-native microservices and a LangChain-based

orchestration framework integrated with advanced embedding models (BERT), achieving 100% recall, 90% precision, and saving 400 researcher-hours per week.

- Spearheaded the transformation of a legacy Knowledge Base into a scalable event driven microservices platform-reducing cycle time by 40%, resolving critical bottlenecks, and increasing engineering output from 4 to 7 key features per quarter.
- Strategically managed a \$2M+ cloud budget and executed cloud cost saving initiatives (object storage lifecycle management, workload consolidation) to achieve an ongoing 15% reduction in costs while maintaining peak performance.
- Collaborated with Product, UX, DevOps, Compliance, Security, and Support teams to align delivery, achieving 90% on-time project completion.

Software Engineering Manager | Siemens Digital Industries | Pune, India | Jun 2014 – Jan 2023

- Led the Supplier & Platform Services domain of Mendix Marketplace, delivering scalable services such as Cloud Gateway (KONG), Entitlement, and Metering.
- Formed and scaled multiple high-performing Scrum teams (25+ members), achieving a 90% retention rate.
- Accelerated customer acquisition by 10% through enhanced analytics and strategic roadmap collaboration.
- Automated the purchase flow, boosting basic license sales by 20%.
- Improved page performance by 65%, achieving sub-2-second load times and maintaining 99.9% uptime through resiliency initiatives.
- Drove quarterly OKRs for three agile teams and conducted 20+ mentorship and performance reviews annually, fostering growth and accountability.

Senior Developer / Tech Lead | CSC / PayPal | Chennai, India | Aug 2011 – Jun 2014

- Built and optimized payment automation pipelines, improving transaction efficiency by 15%.
- Led agile teams for payment risk systems with strong focus on compliance and reliability.
- Championed engineering best practices, improving delivery predictability and code quality.

Senior Software Engineer | Sungard | Pune, India | Sep 2009 – Jul 2011

- Enhanced J.P. Morgan's Power Portal using C++/Linux; authored documentation and conducted detailed testing.
- Improved client record update efficiency by 20% via automation.
- Led code reviews, estimations, and team training efforts while providing ongoing technical mentorship.

Software Engineer | Geometric Software | Pune, India | May 2005 – Sep 2009

- Developed CAD/CAE tools; designed new UIs and HTML-based result displays for mechanical system simulations.

CERTIFICATIONS

- PMI-Agile Certified Practitioner (PMI-ACP)
- AWS Certified Cloud Practitioner

EDUCATION

- MS in Software Systems – BITS Pilani
- Organizational Leadership – IIM Ahmedabad
- PG Diploma, Product Design – Pune University
- BE in Mechanical Engineering – RKDF IST, Bhopal

ACCOMPLISHMENTS

- Achieved 100% team approval rating in leadership survey
- Star Award - Start-up of the Year, Siemens
- Spot and Star Awards for quality work- PayPal
- Gold Medal - Best All-Rounder, NCC (1997)
- State-Level Football Player & School Captain