

SAILESH JAISWAL

Engineering Leader | Principal Architect | SaaS & Cloud Platforms

India (Open to Global Remote)

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EXECUTIVE SUMMARY

Engineering Leader with 20+ years of experience building, scaling, and modernizing enterprise-grade SaaS and cloud-native platforms across global and regulated environments. Proven ability to lead cross-functional engineering teams, own architecture and delivery outcomes, and drive cost-optimized, high-availability systems. Deep expertise across AWS, GCP, and Azure with strong focus on serverless architectures, data platforms, and compliance-driven systems (HIPAA, PCI-DSS, GDPR). Experienced in bridging business strategy with engineering execution while mentoring teams and delivering measurable business impact.

CORE LEADERSHIP & TECHNICAL EXPERTISE

- Engineering Leadership & Team Management
- Cloud & Solution Architecture (AWS, GCP, Azure)
- SaaS & Multi-Tenant Platform Design
- Serverless & Event-Driven Architectures
- Distributed Systems & System Design
- Cost Optimization & Performance Engineering
- CI/CD, DevOps & Observability
- Data Platforms & ETL Pipelines
- Program & Delivery Ownership
- Compliance: HIPAA, PCI-DSS, GDPR

PROFESSIONAL EXPERIENCE

Engineering Manager

Convoso International Pvt. Ltd. | Remote | May 2025 – Present

- Leading architecture and evolution of microservices-based SaaS platform on AWS, ensuring scalability and high availability.
- Drive architectural trade-offs across APIs, data layers, and integrations to support enterprise-grade workloads.
- Actively involved in production incident resolution and root cause analysis to maintain SLA commitments.
- Leading a highly experienced cross-functional engineering team delivering a high-availability enterprise SaaS platform.
- Own end-to-end engineering execution including architecture decisions, sprint planning, release readiness, and operational stability.
- Partner with Product, QA, DevOps, and senior leadership to align technical roadmap with business priorities.
- Establish engineering standards for CI/CD pipelines, code quality, observability, and reliability.
- Drive predictable delivery, risk mitigation, and engineering maturity across teams.
- Mentor engineers through performance reviews, career planning, and technical leadership.

Technical Program Manager / Solution Architect

Arenema India Pvt. Ltd. | Remote | Feb 2025 – Apr 2025

- Led architecture and delivery of cloud-native, serverless SaaS platforms using AWS (Lambda, API Gateway, RDS, S3, CloudWatch).
- Owned end-to-end program execution for multi-tenant applications from requirements discovery to production rollout.
- Designed cost-optimized AWS architectures for MVPs and POCs, enabling faster approvals and reduced cloud spend.
- Defined CI/CD pipelines, release governance, and Dev/Prod environment separation using best practices.
- Mentored teams on scalable architecture, security, and compliance considerations.

Senior Technical Manager

Valethi Technologies LLP | Nagpur | Mar 2018 – Dec 2024

- Architected scalable cloud and data platforms across AWS and Azure aligned with business objectives.
- Led cross-functional teams across 200+ sprints, ensuring delivery predictability, quality, and budget adherence.
- Re-architected Azure SQL and ETL pipelines, reducing processing time by **60%** and delivering **\$22K+ annual infrastructure cost savings**.
- Acted as a trusted technical advisor to stakeholders, translating business goals into executable technology strategies.
- Drove continuous improvement in engineering processes, delivery cadence, and platform performance.

Development Lead

Laurus Infosystems Pvt. Ltd. | Hyderabad | Oct 2012 – Feb 2018

- Designed and implemented the **Saral PHP HMVC Framework**, significantly reducing technical debt and improving maintainability.
- Led system re-architecture initiatives for clinical trial platforms in regulated environments.
- Directed migration of legacy Java applications to modern PHP-based architectures, improving performance and scalability.
- Introduced modular design, code reviews, and engineering best practices to improve development lifecycle efficiency.

Senior Software Engineer

YQ Soft Labs Pvt. Ltd. | Hyderabad | Apr 2009 – Sep 2012

- Designed RESTful APIs and database architectures for mobile and web applications.
- Built backend systems for analytics and reporting to support data-driven decision-making.
- Managed deployments and production support across multiple client environments.

Software Engineer

Alpha Genius Infosystems Pvt. Ltd. | Hyderabad | Feb 2006 – Mar 2009

- Developed and maintained backend systems supporting client-facing applications.
- Designed optimized SQL queries and database schemas to improve performance and data retrieval efficiency.

FEATURED PROJECTS

ASCENT – Enterprise ETL & KPI Platform

Senior Technical Project Manager

- Architected a large-scale KPI and analytics platform for supply chain management.
- Designed and optimized ETL pipelines using Azure Data Factory, Databricks, Data Lake, and Data Warehouse.
- Reduced ETL processing time by **60% (16 hrs → 6 hrs)**.
- Achieved **\$20,000 per month** in compute cost savings through performance and architecture optimization.
- Enabled real-time leadership dashboards for business decision-making.

PaDiSys eCRF – Clinical Trials Platform

Development Lead

- Led architecture and development of a real-time electronic patient diary system for clinical trials.
- Designed compliant AWS architecture using EC2, S3, SNS, and RDS.
- Implemented audit trails, data integrity controls, and secure workflows.
- Ensured compliance with **HIPAA and GDPR** standards.
- Migrated legacy systems to scalable, maintainable architectures.

AI-Powered Travel Planner – Agentic AI Platform

Project Manager / Architect

- Designed an agentic AI-based travel planning platform using **FastAPI** and **React**.
- Integrated **Amadeus APIs** for real-time flight and hotel discovery.
- Implemented **LLM-powered itinerary generation** using multiple AI agents for search, planning, and summarization.
- Built an extensible, API-first backend suitable for SaaS deployment.

Spark — Enterprise SaaS Platform

- Architected a distributed SaaS platform used by global brands including PepsiCo, Uber, and MasterCard.
- Designed AWS-based architecture using EC2, S3, Load Balancers, Auto Scaling, RabbitMQ, Redis, RDS, DynamoDB, and Lambda.
- Supported enterprise-scale merchandise sales and project workflows.

URL Shortener SaaS Platform

- Architected a subscription-based SaaS platform supporting individual, team, and enterprise users.
- Implemented custom domains, QR code generation, analytics, and UTM tracking.
- Built using AWS Lambda, API Gateway, and DynamoDB with support for public SaaS and intranet deployments.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- Project Management Professional (PMP) – PMI
- ICP-ACC (Agile Coaching) – ICAgile
- Executive Certificate in Product Management – Indian School of Business
- Executive Post Graduate Certification in Data Science & Artificial Intelligence – IIT Roorkee

EDUCATION

Executive Post Graduate Certification in Data Science & Artificial Intelligence – IIT Roorkee

Executive Certificate in Product Management – Indian School of Business
Master of Computer Applications (MCA) – Osmania University

LANGUAGES

English | Hindi | Telugu | Marathi