

ASHISH GHOLAP

IT Manager | Platform Architect | Full Stack Developer

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PROFESSIONAL SUMMARY

Engineering Manager with 5+ years of progressive experience architecting and delivering enterprise SaaS platforms across Real Estate Technology, Enterprise Communications, and Artificial Intelligence domains. Promoted from Software Engineer to IT Manager through consistent delivery of scalable, cloud-native systems using Node.js, NestJS, React, Next.js, PostgreSQL, MongoDB, Redis, and AWS. Proven ability to lead full product lifecycles — from requirements and architecture through deployment, monitoring, and iteration. Designed microservice architectures, enterprise communication ecosystems (SMS, WhatsApp, Email, Voice), AI-powered recommendation engines, SEO automation, and internal developer platforms. Established engineering governance, CI/CD pipelines, cloud infrastructure (AWS, Docker, Terraform), and security-first practices across a portfolio of products. Background in cyber security and digital forensics reinforcing a security-driven approach to software architecture. Skilled in leading cross-functional teams, mentoring engineers, and aligning technical execution with business strategy.

CORE COMPETENCIES

- **Engineering Leadership:** Team Leadership, Engineering Management, Technical Mentoring, Sprint Planning, Code & Architecture Reviews, Vendor Management, Performance Management
- **Software Architecture:** Microservices, System Design, REST API Design & Versioning, Modular Architecture, CQRS, Worker Architecture, Event-Driven Design
- **Platform Engineering:** Internal Developer Platforms (IDP), Reusable Frameworks, Engineering Operations, Deployment Automation, Infrastructure Standardization, Developer Productivity
- **Artificial Intelligence:** LLM Integration (Gemma, OpenAI), RAG, Prompt Engineering, Recommendation Engines, AI Chat, MCP Servers, Multi-Agent Workflows, SEO Automation
- **Cloud & DevOps:** AWS (EC2, S3, CloudFront, IAM), Docker, Terraform, GitHub Actions, CI/CD, Linux, Nginx, Cloudflare, Infrastructure Automation, FinOps
- **Cyber Security:** API Security, JWT, OAuth, RBAC, IAM, SSL/TLS, Input Validation, Audit Logging, Infrastructure Hardening, Digital Forensics

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, PHP, Python, SQL, Bash, Shell Scripting
- **Backend:** Node.js, NestJS, Express.js, REST APIs, JWT, OAuth, Microservices, WebSockets, Socket.IO
- **Frontend:** React.js, Next.js, React Native, HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery, AJAX, Responsive Design
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis, Prisma ORM, PgBouncer, Query Optimization
- **Cloud & DevOps:** AWS (EC2, S3, CloudFront, IAM), Docker, Terraform, GitHub Actions, CI/CD, Linux, Nginx, Cloudflare, VPS
- **AI & ML:** OpenAI, Google Gemma, Ollama, Hugging Face, RAG, Vector Search, Recommendation Systems, MCP Servers
- **Communication:** SMS Gateway, WhatsApp Business API (Meta), Mailcow, SIP Trunk, Asterisk, JioCX, SMTP/IMAP
- **Developer Tools:** Git, GitHub, VS Code, Postman, Jira, Octokit, Certbot, Prisma Studio, MongoDB Compass

PROFESSIONAL EXPERIENCE

IT Manager

Glocal Techmedia Pvt. Ltd., Pune | Dec 2025 – Present

- Lead engineering strategy, architecture, and delivery for a portfolio of enterprise SaaS products powering Real Estate, Communication, AI, and Business Automation domains.

- Architected microservice platforms (Node.js, NestJS, PostgreSQL, MongoDB, Redis) supporting NoBrokerage (CRM + AI + property management), QuickAlert (unified SMS/WhatsApp/Email/Voice API), NoboMail (enterprise email platform), and Dysseract (Engineering OS).
- Delivered the first production version of NoBrokerage within three months by leading architecture, sprint execution, and deployment planning across cross-functional teams.
- Built AgStack — an Internal Developer Platform standardizing authentication, validation, logging, database abstraction, caching, and deployment across all products, reducing code duplication and accelerating new feature delivery.
- Designed an enterprise AI platform integrating Google Gemma, Ollama, OpenAI, RAG, and MCP servers; powers recommendation engines, SEO automation, AI chat, and content generation across the product ecosystem.
- Implemented AWS cloud infrastructure with Docker, Terraform, CloudFront CDN, IAM, FinOps cost optimization, and disaster recovery planning, reducing infrastructure expenditure through S3 lifecycle policies and Intelligent Tiering.
- Established engineering governance — code reviews, API versioning standards, SDLC processes, release management — and mentored 10+ engineers across Backend, Frontend, Mobile, DevOps, and AI teams.

IT Manager

Kaycomm Service Pvt. Ltd. | Jan 2025 – Dec 2025

- Promoted to IT Manager based on technical leadership and delivery; led engineering operations, architecture planning, sprint execution, and governance for enterprise applications.
- Introduced AI-powered SEO generation using Google Gemma models, automating meta descriptions, property descriptions, and blog content across thousands of pages.
- Designed HRMS platform with attendance, leave management, workflow automation, role-based approvals, and biometric device integration using Node.js and React.
- Led migration of legacy Core PHP applications to MERN stack, improving maintainability, developer productivity, and deployment velocity.
- Optimized AWS cloud costs through S3 Intelligent Tiering, lifecycle policies, CloudFront optimization, and infrastructure right-sizing.

Senior Software Engineer

Kaycomm Service Pvt. Ltd. | Jan 2024 – Jan 2025

- Architected backend services for Corner Spaces — a commercial real estate platform with Next.js SSR, AI-powered SEO generation, property recommendations, and AWS cloud infrastructure.
- Modernized legacy systems from Core PHP to MERN stack, establishing reusable engineering patterns, modular service architecture, and standardized REST APIs.
- Designed JWT-authenticated APIs, enterprise dashboards, analytics modules, and AI-enabled features; conducted code reviews and mentored junior developers.

Software Engineer

Kaycomm Service Pvt. Ltd. | Dec 2022 – Jan 2024

- Developed UrbanPillar real estate platform (Core PHP, MySQL) delivering 240+ SEO-optimized microsites for builders with centralized property and lead management.
- Built Tulo — a multi-vendor eCommerce platform from scratch — featuring product catalog, order processing, PhonePe payment integration, JWT authentication, and seller administration.
- Created internal HRMS and Assessment Portal for attendance, leave management, task tracking, and candidate assessments; managed VPS hosting, SSL, CDN, and production deployments.

Software Engineer

Ocean One Pvt. Ltd. | Jun 2022 – Dec 2022

- Developed CRM platforms using Core PHP, Node.js, and MySQL, implementing RESTful APIs for lead management and customer operations.
- Integrated SMS gateways, call tracking, and third-party business services; managed deployment and maintenance of cloud-hosted applications.

Software Engineer

Netlink Software Pvt. Ltd. | Aug 2021 – Jun 2022

- Developed enterprise web and mobile applications using OutSystems for government and financial sector clients (UP Excise Portal, Riyadh Capital).
- Built responsive UIs and enterprise workflows; collaborated with cross-functional teams within agile delivery frameworks.

KEY ACHIEVEMENTS

- Architected and delivered 5+ enterprise SaaS platforms (NoBrokerage, QuickAlert, NoboMail, Dysseract, Corner Spaces) from concept to production.
- Built AgStack, a reusable Internal Developer Platform standardizing authentication, logging, validation, and deployment across all products, reducing duplicated effort.
- Designed a unified enterprise communication ecosystem (SMS, WhatsApp, Email, Voice) consumed by multiple business applications through a single API gateway.
- Integrated AI-powered recommendation engines, RAG-based knowledge retrieval, and SEO automation across 5+ platforms using Google Gemma, OpenAI, and local LLMs.
- Delivered 240+ SEO-optimized microsites for real estate builders, significantly improving organic search traffic and lead generation.
- Reduced cloud infrastructure costs by 30%+ through S3 lifecycle policies, Intelligent Tiering, CloudFront optimization, and resource right-sizing (FinOps).
- Led migration of legacy Core PHP applications to modern MERN stack, improving deployment velocity and developer productivity.
- Established engineering governance including API standards, CI/CD pipelines, code review processes, and release management across the organization.

KEY PROJECTS

NoBrokerage — Enterprise real estate platform: CRM, property management, lead management, AI recommendations, sales dashboards. Microservice backend (Node.js, NestJS, PostgreSQL, MongoDB, Redis), React/Next.js frontend, AWS cloud. MVP delivered in 3 months.

QuickAlert — Unified communication platform: SMS Gateway, WhatsApp Business API, Email, Voice. Centralized REST API with provider abstraction, async workers, Redis caching. Node.js, NestJS, Docker, AWS.

NoboMail — Enterprise email platform: Mailcow-based with custom React/NestJS management layer. Multi-domain admin, SPF/DKIM/DMARC, mailbox provisioning, audit logging. Designed for SaaS multi-tenancy.

AgStack (IDP) — Internal Developer Platform: reusable packages for authentication, validation, logging, database/storage/Redis abstractions, worker framework, and deployment automation. Standardized practices across all products.

Dysseract (Engineering OS) — Engineering Operations Platform unifying project management, GitHub (Octokit) integration, deployment tracking, Docker lifecycle, SSL management, infrastructure monitoring, and productivity analytics.

AI Platform — Centralized AI ecosystem (Google Gemma, Ollama, OpenAI, RAG, MCP) powering recommendation engines, SEO automation, AI chat, content generation, and business automation across the product portfolio.

Corner Spaces — Commercial real estate platform: Next.js SSR, AI-powered SEO generation, property recommendations, AWS cloud. First project to implement architectural patterns reused across NoBrokerage and other products.

UrbanPillar — Real estate platform delivering 240+ builder microsites. Core PHP, MySQL, AWS infrastructure with CDN, SSL, and SEO-first architecture. Technical foundation for later enterprise products.

Tulo — Multi-vendor eCommerce platform: product catalog, order management, PhonePe payment gateway, JWT auth, seller admin. Independently designed and developed end-to-end from concept to deployment.

EDUCATION

Bachelor's Degree

Savitribai Phule Pune University (SPPU) | First Class with Distinction | 2021

Diploma in Computer Engineering

B.V.J.N.I.T., Maharashtra State Board | First Class | 2017

CERTIFICATIONS

- Executive Post Graduate Certification in AI & Machine Learning (In Progress) – IIT Roorkee (iHUB DivyaSampark)
- CompTIA Security+ (SY0-501) – CompTIA
- MERN Stack Specialization – Udemy

PROFESSIONAL STRENGTHS

- **Systems Thinking:** Design end-to-end solutions considering product, microservices, databases, workers, caching, monitoring, AI, deployment, cost, and security holistically.
- **Product Ownership:** Transform business ideas into scalable, AI-enabled enterprise platforms with full ownership from concept through production and iteration.
- **Platform Engineering:** Build reusable internal platforms and engineering frameworks that standardize practices, accelerate delivery, and reduce long-term maintenance costs.
- **Engineering Leadership:** Lead cross-functional teams, establish engineering standards, mentor engineers, and drive technical excellence across the organization.
- **Security-First Mindset:** Integrate security into architecture, APIs, infrastructure, and deployment pipelines from day one — not as an afterthought.