

Pratik Purohit

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Professional Summary

Hands-on Technical Manager and Architect with 9+ years of experience across enterprise application development, solution architecture, project delivery, cloud, DevOps, cybersecurity governance, and engineering leadership across telecom, BFSI, fintech, pharmaceutical, SaaS, and enterprise environments. Experienced in designing and modernizing scalable multi-tier and microservices-based systems, REST/API integrations, database engineering, AWS/Azure platforms, Kubernetes, CI/CD, observability, application security, and performance optimisation.

Strong in end-to-end project and technical delivery including architecture governance, project planning, RAG tracking, release and change management, cybersecurity remediation coordination, VAPT/InfoSec audits, BCP/DR, stakeholder governance, budgeting, resource planning, and leading cross-functional teams of up to 18 members.

Hands-on with AI-assisted engineering using Claude Code, Gemini and Hermes, LLM APIs, prompt engineering and AI security controls, with practical exposure to machine-learning initiatives, intelligent scoring/matching systems, and independently developed mobile products.

Core Skills

TECHNICAL LEADERSHIP & ARCHITECTURE: Solution Architecture, HLD/LLD, Multi-tier Architecture, Microservices, Distributed Systems, REST API Design, Integration Architecture, Technology Stack Selection, Architecture Governance, Performance & Scalability Reviews

PROJECT & DELIVERY MANAGEMENT: Project Planning, RAID/RAG Tracking, Milestone & Dependency Management, Agile/Scrum, Kanban, Waterfall, Release Planning, Change Management, CAB/RFC Coordination, Go-Live Governance, Hypercare, Executive Reporting

BACKEND & DEVELOPMENT: PHP 8.x, Laravel, CodeIgniter 4, REST APIs, SOAP APIs, Go, Python, JavaScript, jQuery, Java (Very Basic Exposure), MVC, Service Layer, RabbitMQ

CLOUD, DEVOPS & PLATFORM ENGINEERING: AWS, Azure, Kubernetes, Docker, Jenkins, Git, Bitbucket, Maven, Helm, Linux, Apache, Nginx, API Gateway, ALB/ELB, Ingress, Serverless Architecture

AWS: EC2, RDS, S3, IAM, Lambda, API Gateway, CloudWatch, VPC, Route 53, KMS, ECS/EKS, Secrets Manager, Systems Manager

AZURE: AKS, Azure SQL / SQL Managed Instance, Blob Storage, Azure Monitor & Alerts, VNets, NSGs

DATABASE & PERFORMANCE ENGINEERING: MySQL, PostgreSQL (Basic), Schema Design, Indexing, Stored Procedures, Replication, High Availability, Partitioning, Connection Pooling, Database Migration, Performance Tuning, Capacity Planning

SECURITY, DEVSECOPS & COMPLIANCE: OAuth 2.0, SAML, LDAP, MFA, JWT, RBAC, PKI, SSL/TLS, API Security, VAPT, Secure SDLC, SAST, DAST, SCA, SonarQube, OWASP, Threat Modelling, ISO 27001, CERT-In, RBI-aligned BFSI Security Requirements

CYBERSECURITY PROJECT COORDINATION: Security Remediation Tracking, VAPT Closure, Pen-Test Coordination, Security Sign-Off, Audit Evidence, Risk Acceptance, Vulnerability Ageing, Patch Governance, SOC/SIEM Coordination

OBSERVABILITY & RELIABILITY: ELK Stack, Centralized Logging, Log Parsing & Enrichment, SIEM Forwarding, AWS CloudWatch, Azure Monitor, RCA, CAPA, Application Monitoring, Production Health Dashboards, BCP/DR, RPO/RTO, High Availability

PEOPLE, PRODUCT & ENGINEERING MANAGEMENT: Team Leadership, Mentoring, Hiring, Performance Management, Resource Planning, Budgeting, Product Ownership, Roadmap Planning, Backlog Prioritisation, Technical Debt Management, Engineering Modernization

AI, ML & INTELLIGENT ENGINEERING: Claude Code, Gemini, Hermes, LLM APIs, Prompt Engineering, Prompt Guardrails, AI-assisted Development, AI Security Controls, AI Evaluation/Testing, PII Masking, ML-based Matching, Scoring & Predictive Initiatives

TOOLS & PRACTICES: JIRA, Remedy, Excel Project Trackers, Postman, draw.io, Microsoft Visio, PHPUnit, Selenium, Playwright, JMeter.

Selected Career Highlights

- Led cross-functional technology teams of up to 18 members.
- Improved AWS uptime from 82% to 99%, optimised row MySQL workloads, and cut deployment time by 40%.
- Best Employee of the Year 2022; promoted to Technical Lead at Calibehr.

Work Experience

Technical Manager | SmartConnect Technologies Pvt Ltd, Mumbai | Sept 2025 – Present

Lead architecture, technical delivery, project governance, security, and cross-functional execution for enterprise telecom applications, coordinating development, QA, DevOps, infrastructure, cybersecurity, vendors, and client stakeholders.

- Own solution architecture, HLD/LLD, technology decisions, scalability, security reviews, technical design approvals, and engineering governance.
- Manage project plans, RAID/RAG tracking, milestones, dependencies, escalations, change requests, release readiness, CAB/RFC activities, go-live, and hypercare.
- Lead cybersecurity workstreams covering VAPT, SAST/DAST/SCA, SonarQube, Secure SDLC, vulnerability remediation, patch governance, InfoSec audits, CERT-In coordination, security sign-off, and audit evidence.
- Work across AWS, Azure, AKS/Kubernetes, Docker, Linux, CI/CD, ELK, SIEM, monitoring, networking, API gateways, and high-availability architectures.
- Lead enterprise authentication and application-security integrations using OAuth 2.0, SAML, LDAP, MFA, JWT, RBAC, PKI, SSL/TLS, API security, and key-management practices.
- Drive application modernization, migration, BCP/DR, RPO/RTO, backup/recovery, performance engineering, technical debt reduction, and production-readiness initiatives.
- Mentor engineers and lead cross-functional teams while driving code quality, architecture standards, secure coding, technical troubleshooting, resource planning, and engineering improvement.
- Promote AI-assisted engineering using Claude Code, Gemini, Hermes, LLM APIs, prompt guardrails, and AI security controls; also contributed to ML-based predictive initiatives.

Manager | Ausha Digital Pvt. Ltd., Mumbai | Apr 2025 – Sept 2025

- Led technical delivery for fintech applications across architecture, backend engineering, AWS, security, database performance, and production reliability.
- Planned and executed migration of applications from a hosting provider to AWS, covering infrastructure setup, application/database migration, validation, cutover, and post-migration stabilization.
- Improved AWS infrastructure availability from 82% to 99% through EC2/RDS optimisation, IAM, firewall hardening, monitoring, and operational improvements.
- Led InfoSec and audit-readiness initiatives for banking/vendor environments, including RBI/ISO-aligned controls, VAPT remediation, security hardening, and compliance coordination.
- Optimised MySQL workloads across 40M+ rows, reducing reporting and data-fetch times from minutes to seconds.
- Designed a Python-based lead-partner matching solution and contributed to a Go-based real-time lead-scoring engine.

- Led engineering teams across Spoctree, Chqbank, Telegati and other products, covering architecture, APIs, code reviews, delivery planning, budgeting, resource allocation, and mentoring.

Calibehr Business Support Services Pvt. Ltd., Navi Mumbai

Technical Lead (Promoted) | Mar 2023 – Apr 2025

- Led architecture and delivery of enterprise applications using PHP, Laravel, REST APIs, microservices, MySQL, Linux, and multi-tier architectures.
- Led system design and development management for a mission-critical aviation authority platform, owning technology-stack decisions, algorithm design, and high-volume navigation-data parsing and processing.
- Managed technical delivery for the aviation project through sprint planning, daily stand-ups, task prioritisation, technical reviews, blocker resolution, and continuous improvements to team efficiency.
- Architected and delivered COUS SaaS and CDSL InW, driving automation, scalable workflows, and enterprise adoption.
- Acted as Product Owner for COUS and MyBranch360, owning roadmap, backlog, sprint planning, prioritisation, releases, and stakeholder coordination.
- Implemented Jenkins and Docker-based CI/CD pipelines, reducing deployment time by 40%; integrated Git/Bitbucket, SonarQube, automated testing, and deployment controls.
- Managed JIRA workflows, multi-project boards, custom statuses, sprint tracking, delivery metrics, and Jenkins integration.
- Led LDAP integrations, API design, database optimisation, technical debt reduction, release governance, and production troubleshooting.
- Mentored developers across coding standards, architecture, APIs, DevOps, debugging, security, code reviews, and career development.

Senior PHP Developer | Mar 2022 – Mar 2023

- Developed enterprise and fintech applications using PHP, Laravel, Angular, MySQL, REST APIs, microservices, and service-layer architecture.
- Contributed to EARC, LMS, DEQC, Calibon CRM, and the aviation authority platform, including Go-based backend development and enterprise workflow implementation.
- Optimised DEQC database architecture and queries for high-volume workloads, improving application and data-processing performance.
- Improved application performance, code quality, security, database design, automated testing, and integration reliability across enterprise systems.

PHP Developer & Webmaster | Mega Lifesciences Ltd., Thane | Nov 2020 – Mar 2022

- Developed and maintained enterprise web applications using PHP, MySQL, JavaScript, REST integrations, and Linux-based environments.
- Managed AWS-hosted Ubuntu infrastructure, Apache/Nginx, deployments, monitoring, troubleshooting, and production support while reducing infrastructure costs by approximately 5%.
- Managed SSL/TLS certificate creation, deployment, renewal, private-key handling, and application changes required for secure communication.
- Improved website and application performance by approximately 20% through technical optimisation, infrastructure tuning, and on-page SEO improvements.
- Coordinated outsourced development teams and worked with stakeholders across multiple countries, managing requirements, delivery, technical issues, and the application lifecycle from development through production support.

Web Developer | Gametion Technologies, Navi Mumbai | Sept 2019 – Nov 2020

- Developed a custom HRMS application that automated leave and annual attendance processes, replacing manual workflows and reducing HR effort.
- Built the Cricket King API using PHP and MongoDB, supporting real-time game-data handling and application integration.
- Worked on backend/API development, debugging, database operations, and application enhancements.
- Mentored developers and supported improvements in code quality, technical troubleshooting, and delivery practices.

Jr PHP Developer | Calibehr Business Support Services Pvt. Ltd., Navi Mumbai | Jan 2017 – Sept 2019

- Developed enterprise applications including Mitra, Connect Intranet, and employee onboarding platforms using PHP, CodeIgniter, Laravel, MySQL, JavaScript, Angular, jQuery, REST APIs, and Linux.
- Automated branch and employee workflows, reducing manual effort and improving operational efficiency and onboarding turnaround time.
- Worked across backend development, database design, API integrations, MVC architecture, debugging, deployment, and production support.
- Contributed to service-based and microservices-oriented application development during the later part of the role, while also supporting web performance and technical SEO improvements.

Independent Projects

Smart PDF Audio Reader | Android Application

Independent Developer | Live on Google Play

Technologies: Flutter, PDF Processing, TTS

Play Store: [View Application](#)

- Independently designed, developed, tested, and published an Android application using Flutter, owning requirements, architecture, development, QA, privacy, and production release.
- Built PDF processing, text-to-speech, background playback, playback-state management, and offline-first capabilities.
- Used Claude Code and Gemini extensively for AI-assisted development, debugging, refactoring, testing, documentation, and architecture improvements.

Hermes Agentic AI Workflow | Personal Automation Project

- Designed agentic workflows using Hermes for coding, technical analysis, Gmail processing, and operational automation.
 - Developed reusable system prompts, workflow rules, prompt guardrails, PII-handling controls, and AI output validation practices.
 - Used Claude Code, Gemini, and Hermes for AI-assisted coding, debugging, architecture analysis, automation, and engineering productivity.
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Awards & Recognition

- Best Employee of the Year — Calibehr, 2022
 - Best Employee of the Month — Calibehr, February 2024
 - Promoted from Senior PHP Developer to Technical Lead based on technical delivery, leadership, and performance.
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Education

- **MBA (Data Science)** – Manipal University | *In Progress, Expected Dec 2026*
- **Bachelor of Science in Information Technology (B.Sc. IT)** – 2014
- **Higher Secondary Certificate (HSC)** – 2011
- **Secondary School Certificate (SSC)** – 2009

Certifications & Professional Development

- Foundations of Cybersecurity — Google — [View Certificate](#)
- Managing Linux Systems — LearnQuest — [View Certificate](#)
- AWS Cloud Technical Essentials — AWS — [View Certificate](#)
- Linux Fundamentals — LearnQuest — [View Certificate](#)

