

ROHITH K

SOFTWARE ARCHITECT & TECHNICAL LEAD | FULL-STACK ENGINEER

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PROFESSIONAL SUMMARY

Software Architect & Technical Lead with 7+ years of experience delivering 55+ software projects across e-commerce, manufacturing, ERP/CRM, transportation, inventory and business automation. For 3+ years, led technical teams and owned end-to-end delivery from requirements and architecture through development, deployment and production support. Hands-on across backend, mobile, databases, cloud/server operations and AI-enabled integrations.

CORE EXPERTISE

Architecture & Engineering: System design, API architecture, database design, Node.js, TypeScript, Express.js, Python, FastAPI, Django, PHP, REST APIs

Leadership & Delivery: Technical team leadership, project planning, task delegation, requirement analysis, code review, technical mentoring, client coordination and release management

Mobile, Data & Platform: Flutter, Android, Kotlin, React, Next.js, Angular, MongoDB, MySQL/MariaDB, PostgreSQL, Docker, CapRover, Linux, Nginx, PM2 and CI/CD

PROFESSIONAL EXPERIENCE

Software Architect & Technical Team Lead | iTDeck *Jun 2025 - Aug 2026*

- Owned architecture and technical planning for multi-module business systems, translating operational requirements into scalable implementation plans.
- Led backend, frontend, mobile, database and infrastructure execution, including reviews, technical problem solving and release coordination.
- Integrated AI-enabled analytics, API-connected data flows and workflow automation while supporting production operations.

Senior Project Coordinator | REPADTECH Pvt. Ltd. *Jul 2022 - May 2025*

- Coordinated end-to-end delivery across e-commerce, factory automation, inventory, transportation, LMS, distribution and engineering systems.
- Managed requirements, architecture planning, task allocation, development tracking, client coordination, deployment and post-launch support.
- Supported Linux/Nginx/PM2 environments, CI/CD, mobile releases, App Store Connect, TestFlight and Google Play Console.

Senior Software Engineer | Hexeam Software Solutions *Feb 2022 - Sep 2022*

- Developed production features, APIs and integrations while supporting cross-platform and mobile product delivery.

Android Developer | Cybaze Technologies Pvt. Ltd. *Jul 2020 - Jan 2022*

- Built and maintained Flutter/native Android applications and integrated mobile clients with backend APIs.

Software Developer | Ecobiz *Jul 2019 - Jun 2020*

- Developed mobile, backend, web and ERP functionality using Android, PHP/Laravel and MySQL.

SELECTED PROJECT PORTFOLIO

My Azli Fresh - *E-commerce | Bangalore | Full-Stack Developer & Backend Architect*

Architected and developed product, cart, ordering, payment and delivery workflows with mobile integration, analytics, AI-bot functionality and production support.

Tech: Node.js, Python, FastAPI, REST APIs

Footwear Factory Automation - Jogger, Stylo & Winheals - *Manufacturing Automation*

Visited factories and studied conveyor-line production before converting manual operations into a scanning-based digital workflow for footwear tracking, colour, production stage and operational parameters.

Tech: Node.js, MongoDB, Flutter

RACO Transport - *Transportation / Student Billing | Saudi Arabia*

Delivered student-management and fee-collection workflows with individual billing, parent payment support and ZATCA-related invoicing integration.

Tech: Flutter, Node.js, React

TCS Building Energy Efficiency Services - *Engineering / MEP | Dubai, UAE*

Digitized employee assignment, engineering tasks, field activity, project tracking and engineering-value management for MEP and building-energy operations.

Zaap.life / FoodZap - *Food Delivery / Cloud Kitchen | Pattaya, Thailand*

Developed Node.js backend APIs, business logic and Flutter interfaces for food ordering and delivery operations.

Tech: Node.js, Flutter

AI Analytics Integration Platform - *AI / Analytics / Data Integration | Ongoing*

Developing a plugin-style platform that connects APIs or datasets, synchronizes business data and supports centralized analytics, reporting and AI-assisted insights.

Tech: API integrations, workflow automation, analytics, AI integrations

Additional projects: PinkCarot (jewellery manufacturing), Nahla Al Wadi (Flutter customer ordering app), Aksha Academy/Aaple LMS, Stock AI inventory management, Spexstore, and other ERP/CRM/business automation systems.

TECHNICAL TOOLKIT

Backend: Node.js, TypeScript, Express.js, Python, FastAPI, Django, PHP, REST APIs

Frontend & Mobile: Flutter, React, Next.js, Angular, Android, Kotlin

Data: MongoDB, MySQL/MariaDB, PostgreSQL, Sequelize, TypeORM, Mongoose

DevOps & Release: Linux, Docker, CapRover, Nginx, PM2, CI/CD, Git/webhooks, SSL/domains, aaPanel, DirectAdmin, App Store Connect, TestFlight, Google Play Console

Automation & AI: n8n, webhooks, API synchronization, AI integrations, analytics and automated reporting

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science | University of Calicut | 2016 - 2019