

Akash Chavan

Full Stack Developer

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Pune, India

Professional Summary

Full Stack Developer with experience building production-ready web and mobile applications across EV mobility, IoT integration, fleet management, and enterprise systems. Proficient in React, React Native, Node.js, NestJS, TypeScript and MySQL with strong ownership across frontend, backend, database design and API integration. Passionate about building scalable, user-focused products and collaborating with cross-functional teams to solve real-world problems.

Skills

Frontend	React.js, React Native, Angular, Tailwind CSS	Database	MySQL, PostgreSQL
Backend	Node.js, NestJS, REST APIs	IoT & Integration	MQTT, Third-party APIs, API synchronization, real-time telemetry
Languages	TypeScript, JavaScript, SQL, HTML, CSS	Tools	Git, GitHub, Docker, CI/CD, Expo, EAS, Postman

Professional Experience

BOP Consultancy and Services

Mar 2026 – Present

Full Stack Developer – Pune, India

- Developing and maintaining production web and mobile applications using React, React Native, Node.js, NestJS, TypeScript and MySQL.
- Working across frontend, backend and database layers, implementing business workflows, REST APIs, role-based access and reusable UI components.
- Contributing to Yugo Rides, LithioEV and other internal tools with features like EV fleet management, IoT integration, real-time tracking, swap operations, maintenance workflows and analytics.
- Collaborating with designers, testers and product team to troubleshoot issues, improve performance and ship incremental releases.

Kalkisoft

Sep 2025 – Feb 2026

Full Stack Developer Intern – Pune, India

- Developed and enhanced web application features across frontend and backend layers as part of a full-stack development team.
- Worked with Angular, Node.js, MySQL and REST APIs to implement business functionality, data flows and UI improvements.
- Participated in debugging, testing, code integration and delivery of maintainable production features.

Projects

Yugo Rides – EV Mobility / Battery-Swap Platform

Live

Tech: React Native, React, NestJS, Node.js, TypeScript, MySQL, MQTT, REST APIs

- Built a complete EV bike rental and battery-swap platform with real-time tracking, swap station management and user subscriptions.
- Integrated third-party IoT devices using MQTT for telemetry, remote lock/unlock and live vehicle tracking.
- Developed dashboards for users, swap station managers and fleet operators.

LithioEV – EV Fleet Management & IoT Platform

Live

Tech: React, React Native, NestJS, TypeScript, MySQL, REST APIs, IoT Integrations

- Built fleet management system for EV operations with maintenance workflows, inventory management and analytics.
- Integrated external IoT/device services through APIs for real-time data synchronization and monitoring.
- Worked on scalable backend services and responsive frontend applications.

Visitor Management – Web-based Visitor Management System

Live

Tech: Angular, Node.js, MySQL, REST APIs

- Developed a web-based visitor management system with features like visitor registration, approvals and notifications.
- Implemented role-based access, dashboard and reporting for admins and security staff.
- Designed and developed complete frontend and backend modules.

Education

Master of Computer Applications (MCA)

Mar 2026

Pune, India

Target Role: Full Stack Developer | Preferred Location: Pune