BANDI PRANAV KUMAR

F U L L   S T A C K   D E V E L O P E R

9491870512 ☎
kumarpranav1395@gmail.com ✉
github.com/PranavKB 💼

PROFESSIONAL SUMMARY

Results-driven Software Engineer with nearly 3 years of experience in full-stack web application development using ReactJS, TypeScript, Java, and Spring Boot. Delivered multiple production features across both monolith and microservices architectures. Passionate about end-to-end system design and writing clean, maintainable code. Actively building modern applications to stay up-to-date with current tech trends.

SKILLS

Languages: JavaScript, TypeScript, Java, HTML, CSS
Frameworks/Libraries: ReactJS, Redux, AngularJS, NodeJS, Spring Boot
Databases: MySQL, MongoDB
Unit Testing: Jest
Tools & Technologies: Postman, REST APIs, Git/GitHub, Maven, Agile

EDUCATION

M.Tech | Biomedical Engineering
IIT Bombay | 2017 - 2019
GPA: 8.81

B.Tech | Biotechnology
NIT Warangal | 2013 - 2017

WORK EXPERIENCE

EPICK BIKES — **FULL STACK DEVELOPER** (Freelance)

Hyderabad, Telangana
August 2025 – Present

- Built a **responsive ReactJS** admin dashboard using Ant Design for **real-time IoT device** monitoring and fleet management.
- Integrated **Leaflet.js** interactive maps for live route visualization, trip playback and telemetry insights.
- Optimized backend **Node.js + Express** services, implemented REST and socket-based ingestion pipelines for high-frequency device data, implemented **JWT-based authentication**.
- Designed and optimized **MongoDB** data models for high-volume read/write operations; supported ~**1000 requests** per minute throughput.
- Implemented an **in-memory cache** to reduce DB load, created test suites, and configured **Nginx** for reverse proxy and performance tuning.

REFLEXIS SYSTEMS (NOW PART OF ZEBRA TECHNOLOGIES) — **SOFTWARE ENGINEER 2**

Pune, Maharashtra
July 2019 – April 2022

- Developed and enhanced HR and shift management modules in Reflexis Workforce Solutions (RWS) using **AngularJS, Java** and **Spring Boot**. Redesigned components to comply with WCAG accessibility standards and integrated ARIA attributes.
- Contributed to the development of **external REST API** and initiated **monolith-to-microservices migration**.
- Played a key role in **planning and integration** of RWS application and External APIs with Microsoft Teams, building UI from scratch using **ReactJS** and **TypeScript** with **Redux/Context API** for state management.
- Collaborated with other teams to deliver 10+ scalable, production-grade features used by global retail clients. Recognized with a promotion for performance, technical contributions, and leadership.