

# BANDI PRANAV KUMAR

FULL STACK DEVELOPER

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## 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:** Java, Go, JavaScript, TypeScript, HTML, CSS

**Frameworks/Libraries:** Spring Boot, ReactJS, Redux, AngularJS, NodeJS

**Databases:** MySQL, MongoDB

**Cloud:** AWS (working knowledge), Kubernetes (hands-on learning)

**Tools & Technologies:** REST APIs, Git/GitHub, CI/CD, Maven, Postman, Agile, TLS/SSL, HTTPS

## EDUCATION

**M.Tech** | IIT Bombay

Biomedical Engineering | 2017 - 2019

GPA: 8.81

**B.Tech** | NIT Warangal

Biotechnology | 2013 - 2017

## WORK EXPERIENCE

EPICK BIKES | **FULL STACK DEVELOPER** (Contract)

August 2025 – December 2025 | Hyderabad, Telangana

- Built data and analytics platform using **Node.js**, **Express**, and **MongoDB** for IoT-based smart mobility platform handling ingestion of **~10k rpm**, streaming analytics per IoT device and aggregating the data points into trips by user.
- Improved analytics API performance by implementing **in-memory caching**, and configured **Nginx** for reverse proxying and performance tuning.
- Built a real-time dashboard for fleet monitoring on top of the data-platform/ Analytics API using **ReactJS** and Ant Design to aid operations and understanding usage.
- Implemented interactive maps using **Leaflet.js** for live route visualization, trip playback, and trip insights.
- Optimized backend (Node.js + Express) services, implemented **JWT-based authentication** and created **test suites**.

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

July 2019 – April 2022 | Pune, Maharashtra

- 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**.
- Built production-ready backend services suitable for **cloud deployments**, with secure APIs
- 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 cross-functional teams to deliver 10+ scalable, production-grade features for global retail clients, following Git-based CI/CD workflows and ensuring deployment-ready services through automated builds and testable code.