

VISHAL BEHERA

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Professional Summary

Software Engineer with 1+ years of experience developing scalable cross-platform applications using Flutter and IoT technologies. Experienced in designing reliable MQTT-based communication systems, integrating REST APIs, and delivering production-ready solutions for connected devices serving 5,000+ users. Currently expanding expertise in Java and Spring Boot to build scalable backend services and grow as a Full-Stack Software Engineer.

Education

National Institute of Technology, Rourkela

December 2021 - May 2025

Bachelor of Technology in Mechanical Engineering CGPA : 7.68/10

Odisha, India

Skills

Languages: Dart, Java, JavaScript, Kotlin, C
Mobile Development: Flutter, React Native, Android SDK
Backend: Node.js, Express.js, Java Spring Boot, REST APIs
Databases: PostgreSQL, MongoDB, Firebase
State Management: Bloc, Provider, Redux
Cloud & DevOps: AWS, GCP, MQTT, Git, GitHub, Vercel
Tools: Android Studio, Xcode, VS Code, Expo, EAS, Vite, Google Maps API

Work Experience

Full Time | *Mobile Developer at Zimplistic India Private Limited*

September 2025 - Present

- Designed and created a mobile workflow for an intelligent roti quality correction system that processed computer vision outputs and transmitted real-time calibration commands to embedded firmware via MQTT, achieving an 84% correction success rate across 5K+ connected devices.
- Engineered a fault-tolerant MQTT communication framework supporting 5K+ connected devices, implementing intelligent reconnection, offline recovery, and state synchronization to ensure reliable firmware communication across varying network conditions.
- Delivered 5+ production mobile features, including warranty management, machine diagnostics, and device lifecycle management, improving the connected device experience for 5K+ active users.

Internship | *App Developer at Jazzee Technologies*

November 2024 - August 2025

- Forged Jazzee Edtech mobile app for ios and android enabling students to mark real-time classroom attendance, with secure face validation using QR and non-QR methods.
- Integrated attendance tracking features allowing students to view detailed attendance reports, improving transparency and accountability

Internship | *Syflex Techno Solution*

April 2024 - November 2024

- Crafted a high-performance eCommerce app using Flutter, featuring extensive API integration and seamless state management, compressing loading time by 5% and increasing app efficiency by 12%.
- Implemented secure payment systems, ensuring a seamless and reliable user experience.
- Optimized product management features, and reduced loading time by 10%, enhancing user experience.

Projects

Peter Fresh | *Node.js, Express.js, PostgreSQL, Flutter* | [Play Store](#)

July 2026

- Engineered a full-stack mobile application and admin dashboard for a farm-to-consumer platform, enabling product catalog management, category management, vendor administration, and secure role-based authentication.
- Designed and integrated REST APIs with PostgreSQL, implemented image upload workflows, search and filtering, and responsive Flutter interfaces following scalable and maintainable application architecture.

Apniseva Technician | *Flutter, REST APIs, Provider, Razorpay* | [Play Store](#)

July 2024

- Developed and launched a cross-platform Flutter application connecting users with on-demand service providers, achieving 100+ downloads, facilitating 200+ bookings, and increasing service inquiries by 15%.
- Integrated Razorpay payment gateway, REST APIs, and Provider state management while designing an intuitive user experience, improving service delivery efficiency by 25% and ensuring reliable booking and payment workflows.