

# GYANESHWAR SUNKARA

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## PROFESSIONAL EXPERIENCE

Winjit Technologies

Nashik, India

### Senior Software Engineer

Jul 2022 - Jul 2023

- As an Onsite Critical Resource at the **National Payment Corporation of India (NPCI)**, My contributions were integral to developing and advancing the **Bharat Interface for Money (BHIM)**, A **Unified Payment Interface (UPI)** based cashless mobile payment application catering to **10 million active users**.
- Spearheaded performance optimization initiatives for BHIM, resulting in a decrease of **60% in app load time** by carefully identifying components that can be lazy-loaded and migrating them into components that load on demand.
- Led a **team of four developers** in updating the legacy mobile code base to match updated versions of react and supporting libraries, **improving screen transitioning speeds by 40%**.
- I orchestrated the seamless integration of native modules and components within the React Native framework to elevate application performance, ensuring a refined and native-like user experience.
- We collaborated seamlessly with **cross-functional teams** to deliver feature enhancements for the BHIM application. This collaborative effort successfully integrated cutting-edge functionalities, ultimately elevating the user experience and contributing to the application's continued success in the market.

Cube Highways

Hyderabad, India

### Software Developer

Jan 2021 - Jul 2022

- Worked on **RoadAid** an enterprise application to simplify the recording and analysis of daily and routine maintenance in Highway Operations to bring transparency and rapid reporting in Highway Operations and Asset Management.
- Utilized **React Hooks** to streamline state management and reduce component complexity. Also developed cross-platform mobile applications using React Native for enhanced user accessibility.
- I orchestrated RESTful APIs for backend services using Spring Boot, optimizing data storage and retrieval with MySQL. I Integrated **OAuth2** for secure authentication and authorization in microservices architectures.
- Applied **Spring Data JPA** for optimized and streamlined database operations
- Implemented caching mechanisms with Redis, reducing database queries and resulting in a **60% improvement in database efficiency**.
- Integrated Docker Compose for multi-container application setups, enhancing development workflows. Deployed microservices architecture on Kubernetes clusters, improving scalability and resilience.

Inroads Software

Hyderabad, India

### Software Developer Intern

Jul 2019 - Jan 2021

- Contributed to developing **PropKing** and **Builders Mart**, feature-rich e-commerce applications for property listing and construction supplies management.
- Collaborated with UX/UI designers to implement design concepts and enhance user interactions. Developed interactive web interfaces using React for an exceptional user experience.
- Implemented state management using Redux for efficient data flow within the application and client-side validation to enhance data integrity and user feedback.
- I **reduced infrastructure costs by 20%** by migrating to cloud-based services and implementing auto-scaling with Node.js.
- Implemented **Nginx load balancing** to distribute incoming traffic across multiple servers, resulting in a **50% reduction in server response time** and a **40% increase in overall system throughput**.
- Designed and implemented RESTful APIs using **Node.js and Express** for backend services. Integrated MongoDB for efficient data storage and retrieval, optimizing query performance.

## EDUCATION

University of Central Florida

Orlando, Florida

Master of Science in Computer Science

Aug 2023 - Apr 2025

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## SKILLS

**Languages:** JavaScript, TypeScript, Python, Java, Go, Rust, C/C++

**Frameworks:** React, React Native, Jest, React-Testing-Library, Node, Express, Koa, Nginx, Spring, Spring Boot, JUnit  
Spring MVC, Spring Data JPA, Spring Security, Spring Boot Actuator, Spring Boot Starter Web

**Databases:** Redis, MongoDB, MySQL, PostgreSQL, Firestore

**Others:** Git, AWS, GCP, Firebase, Ionic, Flutter, Jira, CI/CD, Jenkins, Docker, Kubernetes, Microservices, Agile, Scrum