

Gyaneshwar Sunkara (GiGi)

SENIOR SOFTWARE ENGINEER

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Education

University of Central Florida

Orlando, Florida

M.S. IN COMPUTER SCIENCE

Aug. 2023 - Apr. 2025

- Coursework: Advanced Computer Architecture, Machine Learning, and Design & Analysis of Algorithms.
- Achievements: Teaching Assistant for Machine Learning & Discrete Structures II, Graduate Assistant at UCF - Academic Program Quality.

Skills

DevOps AWS, Docker, Kubernetes, Jenkins, Nginx, Git, Firestore, Jira, CI/CD, Agile

Back-end Spring Boot, .Net, Node.js, Koa, Express, REST API

Front-end Redux, React, React Native, Flutter, Ionic, HTML5

Programming JAVA, JavaScript, TypeScript, Python, Java, C#

Languages English, Hindi, Telugu, Japanese

Work Experience

UCF - Academic Program Quality

Orlando, FL

APPLICATION PROGRAMMING LEAD - GRADUATE ASSISTANT

Jun. 2024 - Present

- Built a new .NET MVC server and integrated it into the existing .NET framework, achieving a **20% reduction in server response time**.
- Modernized legacy systems by transitioning from an outdated .NET server with over 200,000 lines of code integrated with SAS to a new .NET MVC architecture, **reducing maintenance costs by 30%** and **improving system performance by 45%**.
- Trained a team of 5 SAS developers on .NET technologies, enabling them to manage and extend the new server autonomously, **reducing external dependency by 50%**.

UCF - Computer Science

Orlando, FL

ACADEMIC INSTRUCTOR - TEACHING ASSISTANT

Jan. 2024 - Jun. 2024

- Assisted in delivering core concepts for **Machine Learning and Discrete Structures II to over 100 students**, enhancing their understanding through interactive sessions and hands-on programming assignments.
- Developed and graded assignments, providing constructive feedback that improved students' comprehension and **coding proficiency by 20%**.
- Held weekly office hours, addressing complex queries and fostering a collaborative learning environment, resulting in a **15% increase in class engagement**.

National Payment Corporation of India - Winjit Technologies

Hyderabad, India

SENIOR SOFTWARE ENGINEER

Jul. 2022 - Jul. 2023

- Served as an Onsite Critical Resource at the **National Payments Corporation of India (NPCI)**, contributing to the development and optimization of the **Bharat Interface for Money (BHIM)**, a Unified Payment Interface (UPI) mobile app **supporting 10 million+ active users**.
- Led performance optimization for BHIM, achieving a **60% reduction in app load time** by implementing lazy loading for on-demand components.
- Managed a team of 4 to upgrade the legacy codebase to the latest React and library versions, **enhancing screen transitions by 40%**.

Repeat Technologies

Hyderabad, India

CO-FOUNDER & SOFTWARE ENGINEER

Feb. 2022 - Aug. 2024

- Conceptualized and **built the entire tech stack from scratch**, including an Android application and a responsive web landing page.
- Developed and deployed the Android app, integrating core features like user authentication, real-time data synchronization, and push notifications, resulting in a **75% user retention rate**.
- Successfully **incorporated the business in India**, handling all legal, operational, and technical setups.

Cube Highways

Hyderabad, India

SOFTWARE DEVELOPER

Jul. 2021 - Jul. 2022

- Developed RoadAid, an enterprise application designed to streamline the recording and analysis of daily maintenance for Highway Operations and Asset Management, improving reporting transparency and **reducing manual processing time by 30%**.
- Designed and implemented **RESTful APIs using Spring Boot**, optimizing data storage and retrieval through efficient MySQL queries, which reduced **data access latency by 25%**.

Inroads Software (PKA Gamenous)

Hyderabad, India

SOFTWARE DEVELOPER

Jul. 2019 - Jan. 2021

- Led the development of PropKing and Builders Mart eCommerce platforms, **serving 50,000+ users and boosting sales by 15% in six months**.
- Reduced **infrastructure costs by 20% by migrating to cloud-based services** and optimizing resource allocation, improving operational efficiency and scalability.