

Sathwik Reddy Lingala

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EDUCATION

Parul University

Bachelor of Technology in Computer Science and Engineering

Vadodara, Gujarat

Dec. 2021 – May 2025

Alphores Junior College

Mathematics, Physics, Chemistry

Karimnagar, Telangana

June. 2019 – May 2021

EXPERIENCE

Kuhedu Gamified Exam Portal Internship

Ouantam Wave IT SOLUTIONS

December 2024 – Present

Vijayawada, Andhra Pradesh

- The internship was focused on developing the KUHEDU Gamified Exam Portal, integrating gamification features like leaderboards, badges, and rewards into an examination system.
- To enhance learning experiences by providing an interactive and engaging exam platform.
- Developed a secure and scalable exam portal.
- Provided educators with analytics tools.
- Enhanced student engagement with gamification.
- Developed using latest technologies like Angular , Threejs , Nodejs , Azure AI , Azure Cloud with user-friendly user interface .

AWS Intern

June 2023

The National Small Industries Corporation LTD (NSIC),Hyderbad

- Enhanced skills in cloud computing and software development, with a focus on understanding cloud principles and their real-world applications.
- Gained hands-on experience in deploying and managing cloud solutions, alongside deepening knowledge of cybersecurity and network security during the internship.

PROJECTS

Android Accident Detection and Alert System | Kotlin/Java

June 2023 – November 2024

- Developed an Android-based Accident Detection and Alert System that detects vehicle collisions and automatically sends emergency alerts.
- Successfully tested and optimized for accuracy in detecting real-world accident scenarios.
- Implemented an efficient algorithm to reduce false positives.
- Designed a user-friendly UI for seamless navigation and alert management.
- Implemented a real-time alert system that notifies emergency contacts within 5 seconds of accident detection.
- Integrated normal driving, sudden braking, and accident modes for more accurate classification.
- Designed a clean and intuitive UI/UX for easy navigation and configuration of emergency contacts.
- Demonstrated the system to local emergency responders for feedback and potential adoption.

TECHNICAL SKILLS

Languages: Java, SQL, JavaScript, HTML/CSS

Developer Tools: Git, GitHub, Web Development