

DODDI GOPINADH

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OBJECTIVE

I am a passionate and enthusiastic B.Tech student in Computer Science, specializing in IoT, with aspirations to excel as an innovative Software Engineer. Proficient in Java, SQL and data analysis. I am quick to master new technologies and drive cutting-edge solutions. As a collaborative team player, I am eager to optimize processes and contribute to dynamic environments as an Associate Software Engineer.

WORK EXPERIENCE

Electronics Design Intern

08/2024 – 11/2024

Comcare Enterprises | Remote

- **Developed an IoT-based fall detection system** using ESP32 and MPU6050, achieving **90% accuracy** in detecting falls.
- **Optimized power consumption** by implementing an **interrupt-based wake-up mechanism**, reducing standby power usage by **40%**.
- **Integrated emergency call functionality** using Twilio API, ensuring calls to **three registered contacts** within **10 seconds** of a detected fall.

Business Analytics powered by Qlik

04/2024 – 06/2024

Smart Internz Platform | Remote

- **Analyzed 100,000+ airline records** using Qlik Sense, identifying key trends in flight delays and cancellations.
- **Enhanced 10+ interactive dashboards** with KPI metrics, set analysis, and advanced filtering for real-time insights.
- **Optimized data models, reducing load time by 30%**, improving query performance for faster analytics.

PROJECTS

Real-Time Chat Application using Java AWT and Swing

02/2024 – 04/2024

Designed a real-time chat application using Java Swing, Applets, and Socket programming to facilitate seamless, instant messaging over a client-server architecture. Designed with a focus on secure, efficient communication, the project demonstrates the foundational principles of networking and client-server interaction, offering practical experience in Java-based user interface design and networking protocols.

Fall Detection Device

08/2024 – 11/2024

Developed a fall detection and alert system for elderly individuals using a microcontroller, sensors, and a GSM module. The device detects falls and provides vibration alerts to confirm the event; if unacknowledged, it automatically makes a call to a pre-configured contact. It also includes a manual emergency trigger, status LEDs, and efficient power management for reliable performance.

EDUCATION

Acharya Nagarjuna University | B.Tech-Computer Science-IoT

2021-present

R.V.R. & J.C College of Engineering Guntur, AP

CGPA: 9.26/10

Board of Intermediate Education | Intermediate

2018 – 2020

Jupiter Junior College Guntur, AP

CGPA: 9.88/10

Board of Secondary Education | 10th class

2017 – 2018

V R High School Guntur, AP

GPA: 9.8/10

SKILLS

Programming: Java, C, **SQL**, Database Management, Data Structures.

Software & Technical skills: IoT, Arduino, Blynk IoT, Qlik Tool, **MySQL** Workbench, **AI** -Tools.

Soft Skills: Communication, Project Management, Leadership & Team Work.

CERTIFICATIONS

- Java Full Stack Certification | Wipro
 - Prompt Engineering for ChatGPT | Coursera
 - Project Management | Google
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AWARDS & ACHIEVEMENTS

- Certificate of Merit -Academic Prize | RVR&JCCE | 2024
 - Won 2nd prize in Design Development Competition | RVR&JCCE | 2024
 - Selected for SIH and UDVIKASH (24-hour Hackthon) | RVR&JCCE | 2023
 - PPT presentation on topic “Mechatronics” and won 2 nd prize | RVR&JCCE | 2022
 - Best Volunteer Award | National Service Scheme | 2024
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ACTIVITIES

- Organized Smart Idea Challenge 2024 in RVR&JCCE
 - Organized “Mock Up” event on the occasion of National wide Fest at RVR&JCCE | 2024
 - Attended IEEE SPAX - Skill Development workshop on Innovation and Design Thinking | 2024
 - Attended NSS Special Camp 2024 organized by RVR&JCCE
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LANGUAGES

- English – Intermediate
 - Telugu – Native
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SELF DECLARATION

I hereby declare that the above furnished information is true to the best of my knowledge.

DODDI GOPINADH
(Signature)