Ramireddy Ganga Karthik Reddy

Bangalore| kr395896@gmail.com | +91 89789 46009 | linkedin.com/in/ganga-karthik-reddy-ramireddy-177525245| GitHub: https://github.com/karthik996315

Objective

Dedicated Full Stack Java Developer with strong proficiency in **JAVA** for backend development and **HTML, CSS** for frontend design and Database **MySQL**. Skilled in building responsive web applications, integrating APIs, and writing clean, efficient Java code. Eager to contribute to innovative projects and grow in a collaborative development environment.

Education

Bachelor of Technology (Electrical and Electronics Engineering)   2022 – 2025
Siddartha Institute of Science and Technology, Puttur
CGPA: 8.84

Diploma in Electrical and Electronics Engineering   2019 – 2022
Loyola Polytechnic YSRR, Pulivendula
CGPA: 6.9

Secondary School Certificate (SSC)   2019
Z.P.H. School, Agadur CGPA: 9.3

Certifications

- PCB Designing, Indian Tech-Keys
- Sensors and Actuators, NPTEL
- Java Full Stack Web Development

Internship

PLC Programming & Automation Intern
Nube Matrix Software Technologies, Tirupati

- Learned fundamentals of PLC programming and automation logic development.
- Assisted in developing and testing electrical control systems.
- Gained practical experience in industrial automation tools.

Projects

Efficient Bidirectional Wireless Power Transfer System Control Using Dual Phase Shift PWM Technique
Tools/Technologies: MATLAB, Simulink, PWM
Developed a bidirectional wireless power transfer system optimized for electric vehicle applications using dual-phase shift PWM technique to achieve voltage regulation and reduced harmonic distortion. Programmed control system and performed simulations in MATLAB.

FoodDeliveryApp(is a full-stack Java web application for browsing restaurants)
Tools/Technologies: JDBC, JSP, JEE, DAO and MySQL
It uses Servlets, **JSP,** and **JDBC** with the **DAO** pattern to fetch data from a **MySQL** database. Restaurants and menu details are dynamically displayed using JSP. Features like Add to Cart and Payment Integration are currently under development**.**

Technical Skills

- Frontend: **HTML**, **CSS**, **JavaScript**(**Beginner**)
- Backend: **Java**, **JDBC**, **JEE**, **JSP**, **Spring and Hibernate**
- Database: **MySQL**
- Tools & IDEs: **Eclipse**

Languages

Telugu (Fluent), English (Working Proficiency)