KAMESHWARAN K

Java FullStack Developer | Web Developer

Bangalore,India | 9894057495 | kameshmgl@gmail.com | LinkedIn | GitHub | Portfolio

SUMMARY

Electronics and Communication Engineering graduate with expertise in Java Full Stack Development. Proficient in Core Java, SQL, HTML, CSS, and JavaScript, with experience in developing real-time web applications. Strong foundation in Data Structures with the ability to learn and adapt quickly. I'm eager to start my career as a Software Developer, where I can apply my skills to real-time projects, contribute to organizational growth, and continuously enhance my technical expertise.

SKILLS

Programming Languages: Java, JavaScript
Web Development: HTML, CSS, Bootstrap
Databases: Oracle SQL, PL/SQL, Firebase
Tools & Platforms: Git/GitHub, Eclipse, Arduino IDE
Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms
Soft Skills: Problem-solving, Logical Thinking

EXPERIENCE

Internship | Sunshiv Electronic Solutions, Coimbatore | Jul 2024 - Aug 2024

- Designed and modified 15+ PCB layouts for electronic circuit development using industry-standard tools like Eagle, Coppercam.
- Programmed and optimized firmware for 10+ microcontroller-based real-time applications, improving reliability and reducing debugging time.

EDUCATION

Bachelor of Engineering in (B.E.) in Electronics and Communication

Government college of engineering, Dharmapuri | 2021-2025
CGPA-7.8/10

PROJECTS

NaviBus: Real-Time Bus Tracking System

- Built a real-time bus tracking web application using HTML, CSS, JavaScript, and Firebase Realtime Database.
- Integrated OpenStreetMap for map rendering and OpenRoute Service for route visualization.
- Deployed ESP32 microcontroller with NEO-7M GPS module to capture live bus coordinates and transmit data via portable hotspot.

Tools used: Firebase, OpenStreetMap, OpenRoute Service.

IoT-Based Motion-Activated Lighting System

- Designed and implemented a motion detection system using PIR sensor with ESP32 microcontroller to automate lighting.
- Programmed logic to automatically switch ON the light upon motion detection and OFF after inactivity, with remote monitoring and control via Blynk IoT

Tools used: Blynk IoT, Arduino IDE.

CERTIFICATIONS

- Java FullStack Development – Qspiders, Marathahalli, Bangalore.
- PCB designing, Embedded Programming – Sunshiv Electronics Solution, Coimbatore.
- Conducted Workshop on PCB designing – GCE, Dharmapuri.

LEADERSHIP & INVOLVEMENT

- Achieved Top 1000 rank among 10,000 teams in Niral Thiruvizha 2.0 Hackathon.
- Acted as Placement representative for ECE department for the academic year 2024-25.
- Organized Elecsta 2024, managing 120+ attendees and coordinating 2 events.