KAMESHWARAN K

- Java FullStack Developer

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SUMMARY

Passionate Java Full Stack Developer with strong skills in Core Java, SQL, HTML, CSS, JavaScript and React. Looking to apply my knowledge to real-world projects and contribute to organizational success.

SKILLS

Programming Languages: Core Java, JavaScript
Front-end Development: HTML, CSS,React Js, Bootstrap
Databases: Oracle SQL, PL/SQL, Firebase
Tools & Platforms: Git/GitHub, Eclipse
Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms

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.

Banking Management System

- Developed a console-based banking system to manage customer accounts, deposits, withdrawals, and fund transfers.
- Implemented account validation, transaction handling, and balance management using OOP principles.

Tools used: Core Java, Collections Framework (HashMap), OOP Concepts.

CERTIFICATIONS

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

ACHIEVEMENTS

- 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.