

# KAMESHWARAN K

- Java FullStack Developer

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## 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

**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.