



ARAVIND S

aravind6359@gmail.com — LinkedIn
Portfolio — GitHub — +91 9003766359

Bangalore

Career Objective

Passionate and driven Java Full Stack Developer with a strong ability to learn new technologies quickly and adapt to changing environments. Skilled in designing, implementing, and optimizing complex IT systems. Motivated to leverage expertise in Java, front-end, and back-end development to contribute to innovative and efficient solutions. Committed to continuous learning and achieving success in the tech industry.

Education

B.E. Electronics and Communication Engineering KPR Institute of Engineering and Technology, Coimbatore	CGPA: 7.68 2020–2024
Higher Secondary CBSE SKV Vidhyaasharam, Namakkal	65% 2019–2020
SSLC SKV Educational Institution, Namakkal	71.6% 2017–2018

Technical Skills

- **Front-End:** HTML5, CSS3, JavaScript, React
- **Back-End:** Spring Boot, Hibernate, JDBC, JEE, JAVA
- **Databases:** MySQL, Oracle, DBMS, RDBMS, PL/SQL
- **IDE:** Eclipse, Visual Studio Code, Cursor
- **Tools:** Git, Excel, Power BI

Certifications

- Trained and certified on Java Fullstack Development from Tap Academy
- Google Data Analytics Professional Certificate
- SQL Basics Intermediate - Hackerrank

Projects

- **Food Delivery Web Application:**
 - Engineered a robust food delivery platform with dynamic user registration, allowing users to browse, select, and order food from multiple restaurants. Enhanced data handling using Hibernate ORM with MySQL, ensuring efficient and scalable interaction with the database for restaurant menus, user information, and orders. Streamlined payment processing by integrating a secure payment gateway and implemented delivery tracking for real-time order status updates. Developed the application using JEE with JDBC for backend communication, and servlets HomeServlet, CartServlet, MenuServlet to control application flow and user requests. Ensured smooth and responsive user experience with features like adding/removing items from the cart, viewing restaurant details, and processing orders with real-time updates.
- **Smart Irrigation System:**
 - Designed an IoT-enabled system to optimize water usage and monitor soil conditions in real time.

- Implemented resource allocation strategies with advanced automation for improved agricultural efficiency.
- **Dual-Band Antenna System for Tactical Networks:**
 - Developed a dual-band SIW slot antenna for military communication applications, achieving high performance.

Internships and Trainings

- **Flarial Technologies (2 weeks):**
 - Implemented a user-friendly signup form for an Android app, enhancing functionality and user experience.
 - Acquired foundational knowledge in Java programming to streamline future application development processes.
- **Sunshiv Electronic Solutions (2 weeks):**
 - Designed and implemented a water level monitoring system using IoT, improving monitoring accuracy and efficiency.
 - Learned the basics of PCB design with AutoCAD, PCB testing, and microcontroller programming for innovative solutions.

Publications

- **"Dual-Band Antenna System for Advanced Tactical Communication Networks in Next-Generation Military Applications"** - Published in the IEEE Sponsored ICONSTEM, 2024.