Sri Rajadurai

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PROFILE

B.Tech graduate in Electronics and Communication Engineering with a strong foundation in Java and hands-on experience in full-stack web development. Possess a solid understanding of programming fundamentals in C, C++, JavaScript, and Python, with practical exposure to backend development, databases, and software-hardware integration.

EDUCATION

Sri Manakula Vinayagar Engineering College   *2021 - 2025*
Bachelor of Technology in Electronics and Communication Engineering   CGPA: 8.76

Amalorpavam Higher Secondary School   *2020 - 2021*
Higher Secondary in Computer Science   Percentile: 94.57

SKILLS AND INTERESTS

Programming Languages: Java, SQL, C, C++, JavaScript, HTML, CSS
Familiar With: OOPs, SpringBoot Framework, Java Collections, Linear DSA
Tools: IntelliJ, VS Code, Multisim, Postman, MySQL Workbench, Word, Powerpoint

CERTIFICATIONS

- Programming using Java by Springboard, Infosys – Aug'24
- Programming in C by Cisco – Nov'23
- Data Structures and Algorithms using Java by Springboard, Infosys – Aug'24

EXPERIENCE

Tata Consultancy Services   *Kerala, India*
ServiceNow Developer Intern   Mar 25 – Apr 25

- Gained hands-on experience in ServiceNow development through an online internship, working with client scripts, business rules, and ITSM workflows.
- Collaborated with teams to implement automation solutions for service management processes.
- Built a strong understanding of Incident Management and CMDB modules in a remote agile setup.

PROJECTS

Hybrid Metaheuristic Approach for NLOS Vehicle Localization (*MATLAB, ACO, SA*)   Sep 24 – March 25

- Developed a hybrid metaheuristic algorithm combining Ant Colony Optimization (ACO) and Simulated Annealing (SA), improving vehicle localization accuracy by up to 25% in urban NLOS environments.
- Reduced communication latency by 20% and enhanced message reliability in VANETs through optimized routing.

Retail Billing System (*Java, SpringBoot, HTML, CSS, JavaScript, MySQL*)   May 25 – June 25

- Built a scalable billing system handling over 500+ products with efficient transaction logging, reporting, and inventory tracking for retail operations.
- Reduced manual errors by ~30% and improved checkout speed by 15% with secure role-based authentication.

SpringTunes PlayBox (*SpringBoot, FrontEnd, SpringSecurity, Youtube API*)   June 25 – July 25

- Created a full-stack music conversion app with a modern dark UI, enabling admins to search and convert YouTube videos to MP3 with 98% download success rate using YouTube API integration.
- Secured user access with Spring Security, enabling role-based management and 100% data persistence in MySQL.

ACHIEVEMENTS

- Successfully completed the Java Programming, Intermediate Level Test on HackerRank
- Received the 50 Days Coding Badge from LeetCode for consistent coding practice.
- Awarded First Prize in Robo War competition at Hindustan College among 1000+ participants