HARINI R B

SOFTWARE DEVELOPER | FULL STACK DEVELOPER | JAVA | SPRING BOOT | PROBLEM-SOLVING & DSA

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CAREER OBJECTIVE

Results-driven Engineering graduate with a strong foundation in programming, web development, and software engineering principles. Solved 700+ algorithmic challenges, improving analytical speed and accuracy by 30%. Built 2 production-level Spring Boot applications, showcasing expertise across frontend, backend, and database layers. Highly adaptable and collaborative, with a proven ability to analyze requirements, implement scalable solutions, and optimize performance under Agile development. Committed to continuous learning and delivering measurable impact in real-world projects

SKILLS

Programming Languages: Java, C, PL/SQL
Backend Development: Spring Boot 3, Hibernate, Spring MVC, JDBC, RESTful APIs, JWT, OAuth2, JUnit, Mockito
Frontend Development: HTML5, CSS3, JavaScript, Bootstrap, Thymeleaf
Databases: MySQL, Oracle DB
Tools & Platforms: Eclipse, VS Code, Postman, Git, GitHub, Figma
Core Concepts: SDLC, Agile, MVC Architecture, DSA, Problem Solving, Debugging
Soft Skills: Analytical Thinking, Problem Solving, Adaptability, Communication, Team Collaboration, Leadership, Attention to Detail, Time Management, Agile Mindset

EXPERIENCE

Java Full Stack Trainee – SmartCliff Learning Solutions |　　　　　　　　　　　　　　**Dec 2024 – May 2025**
- Completed a 6-month intensive program in Java Full Stack development focusing on enterprise-grade applications.
- Developed and deployed two real-time Spring Boot projects with JWT-based authentication and RESTful APIs, reducing manual errors by 40%.
- Integrated MySQL with Hibernate for seamless ORM and improved query execution speed by 20%.
- Created responsive, mobile-first interfaces using HTML, CSS, Bootstrap, and JavaScript, enhancing user engagement by 30%.
- Implemented testing suites with JUnit and Mockito, increasing code coverage by 35%.
- Collaborated in an Agile team, contributing to sprint planning and code reviews, improving sprint efficiency by 15%.

Programming Trainee – EBOX |　　　　　　　　　　　　　　　　　　　　　　**May 2024 – Jul 2024**
- Solved 700+ coding problems in Java and C, strengthening data structure, recursion, and optimization skills.
- Designed and debugged algorithms to improve execution time efficiency by 25%.
- Applied OOP and JDBC concepts to create modular, reusable code for backend prototypes.

PROJECTS

MobiComm – Mobile Prepaid Recharge System |　　　　　　　　　　　　　　　**Jan 2025 - Mar 2025**
Tech Stack: Spring Boot | MySQL | REST API | Bootstrap | JWT | JavaScript
- Developed a secure recharge web platform with role-based access (User/Admin) using Spring Boot and MySQL.
- Implemented JWT authentication and automated email notifications, increasing user verification success by 95%.
- Built database schema and ER diagrams for transaction management, reducing redundancy by 20%.
- Designed a responsive UI with Bootstrap, achieving 95% mobile compatibility and smooth API integration via JavaScript Fetch API.

Albany – Vehicle Service Management System |
Tech Stack: Spring MVC | Spring REST | Thymeleaf | MySQL | Spring Security | OAuth2　　**Mar 2025 - May 2025**
- Engineered a multi-role vehicle service platform for Admin, Service Advisor, and Customer modules using Spring MVC + REST API.
- Integrated OTP-based authentication and JWT security, achieving 100% secure login success rate in testing.
- Optimized MySQL queries and normalized schema, improving database performance by 25%.
- Implemented global exception handling and modular code structure, cutting response time by 18%.

EDUCATION

Bachelor of Engineering (ECE), Knowledge Institute of Technology | 2021 – 2025 | **CGPA: 8.03**
Higher Secondary (HSC), Bala Barathi Matriculation Higher Secondary School | 2021 | **89.8%**
SSLC, Bala Barathi Matriculation Higher Secondary School | 2019 | **93.2%**

CERTIFICATION

NPTEL - Programming in Java