

# YUVASREE MOHANASUNDARAM

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## PROFESSIONAL SUMMARY

Java Developer and Full Stack Software Engineer skilled in Java, Spring Boot, MySQL, HTML, CSS, and JavaScript, with experience delivering end-to-end applications that improve performance and usability. Solved 250+ Java coding challenges and developed full-stack projects that reduced manual work by 40% and optimized load times under 2 seconds.

## PROFESSIONAL TRAINING & INTERNSHIP EXPERIENCES

### Java Full-Stack Development Trainee – Smartcliff (Dec 2024 - Apr 2025)

- Delivered deployment-ready projects (ServiceXpress & Mobi.comm) by building complete front-to-back systems.
- Strengthened backend expertise in Spring Boot, JDBC, and MySQL, and front-end integration with Bootstrap, Thymeleaf, and JavaScript.

### Software Engineering Readiness – Smartcliff (May 2024 - Jul 2024)

- Solved 250+ Java challenges and DSA problems.
- Improved debugging and logical structuring skills for handling enterprise-level code.

### Web Development Intern – Internshala (March 2023 - April 2023)

- Built a responsive e-commerce website with optimized performance.
- Improved mobile usability and page speed by ~25% using Bootstrap and JS optimizations.

### Python Programming Intern – TN Skill Development Corp (March 2023 - April 2023)

- Developed a Number Recognition model with 90%+ accuracy.
- Gained practical exposure to machine learning workflows and Python scripting.

## TECHNICAL SKILLS

- Languages:** Java (Core, OOP, Collections), C, Python
- Backend:** Spring Boot, Spring MVC, Hibernate/JPA, JDBC, RESTful APIs
- Frontend:** HTML5, CSS3, JavaScript, Bootstrap, Thymeleaf
- Database:** MySQL
- Tools & Version Control:** Eclipse, VS Code, Git, GitHub
- Testing & Agile:** Postman, SDLC

## EDUCATION

- KNOWLEDGE INSTITUTE OF TECHNOLOGY** 2021-2025  
Bachelor of computer science and engineering  
CGPA : 8.89
- SRV HI-TECH MATRIC HIGHER SECONDARY SCHOOL** 2020-2021  
HSC Passed with 93%
- MUNICIPAL GIRLS HIGHER SECONDARY SCHOOL** 2018-2019  
SSLC Passed with 92%

# PROJECT

## E-COMMERCE WEBSITE (Organic-Spices) | [GitHub](#)

- Built a responsive e-commerce website with HTML, CSS, JavaScript, and Bootstrap featuring product catalog, cart management, and checkout flow.
- Optimized UI/UX performance, achieving <2s load time across devices.
- Enhanced UX by implementing JavaScript-based validation and interactive navigation.
- Designed for scalability and maintainability and smooth browsing experience.

## VEHICLE SERVICE MANAGEMENT SYSTEM (ServiceXpress) | [GitHub](#)

- Developed a role-based vehicle service platform using Java, Spring Boot, Thymeleaf, MySQL, and Bootstrap for admins, advisors, and customers.
- Automated service tracking and billing with Spring Boot, reducing manual entry effort by ~40% in testing.
- Implemented responsive dashboards and interactive features using Thymeleaf, HTML/CSS, and JavaScript for real-time booking and payment tracking.
- Ensured smooth CRUD operations and modular design using Spring Boot, Thymeleaf, and MySQL for maintainable and scalable code.

## MOBILE PREPAID RECHARGE APP (Mobi.comm) | [GitHub](#)

- Developed a mobile recharge platform using Java, Spring Boot, MySQL, and Razorpay API with OTP verification and admin dashboards.
- Designed REST APIs with Spring Boot for plan browsing, recharge requests, and secure payment handling.
- Conducted 100+ sample transactions using the platform to ensure reliability, fault tolerance, and smooth workflow execution.
- Ensured secure and responsive UI using HTML, CSS, and JavaScript with input validation and encrypted data handling.

## ACHIEVEMENTS

- Trainer – C Programming, Scintel Association (2023–25): Trained 50+ juniors, boosting coding contest participation and performance.
- Top 15 of 200+ teams – Cognizant TechnoVerse Innovation Challenge 2023.

## CERTIFICATIONS

- **NPTEL:** Programming in Java
- **Udemy:** CSS and JavaScript Crash Course
- **Udemy:** Figma Design Fundamentals
- **GreatLearning:** Frontend Development (HTML, CSS)

"I affirm that the information provided above is accurate to the best of my knowledge."

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