

Saravana Hrithik A

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Computer Science graduate with a strong foundation in Java, Spring Boot, SQL, and software development principles. Passionate about building scalable and efficient applications while collaborating in agile environments. Seeking the role of Application Engineering Analyst to apply technical expertise, problem-solving ability, and communication skills to contribute to impactful, client-focused solutions.

EXPERIENCE

Software Intern

Jul 2023 – Jul 2023

NIT Trichy

Salem, Tamilnadu

- Worked on a predictive model to forecast customer responses to term deposit marketing campaigns using bank data from the UCI repository.
- Performed data preprocessing, exploratory data analysis (EDA), and applied classification algorithms such as Logistic Regression, Decision Trees, and Random Forest.
- Achieved 80.9% accuracy using Logistic Regression after feature scaling with Min-Max normalization.
- Gained hands-on experience with model evaluation metrics, confusion matrices, and ensemble learning techniques for imbalanced datasets.

SKILLS

Programming Languages: Java, Python, SQL, JavaScript

Frameworks: Spring Boot, Hibernate

Web Technologies: HTML, CSS, React (basic), JSP

Databases: MySQL, MongoDB

Tools: Git, Postman, VS Code, IntelliJ IDEA

PROJECTS

Ecommerce Web App • *Next.js, React, Tailwind CSS, MySQL*

- A full-stack ecommerce platform with user authentication, cart, and product management.
- Built using Next.js, React, Tailwind CSS, and MySQL with Prisma ORM.
- Implemented product filtering, wishlist, reviews, and secure checkout flow.
- Designed modular components and optimized UI using Shadcn UI.

Online Train Booking System • *Spring Boot, MySQL, HTML, CSS*

- A RESTful web app for booking and managing train tickets.
- Developed with Spring Boot and MySQL to handle booking operations.
- Enabled search, booking, cancellation, and email notifications.
- Secured user data with authentication and role-based access.

CERTIFICATIONS

AWS Certified Cloud Practitioner

Amazon Web Services

- Validated foundational knowledge of AWS Cloud concepts and services (Score: 90%).

OCI Generative AI Professional

Oracle

- Demonstrated understanding of generative AI principles using Oracle Cloud Infrastructure.

OCI AI Foundations Associate

Oracle

- Certified in AI and ML fundamentals on Oracle Cloud with practical use cases.

EDUCATION

VIT University

May 2026

B.Tech in Computer Science and Engineering

- Studying core subjects like Data Structures, DBMS, Operating Systems, and OOP, with hands-on experience in Web Development, Computer Networks, and Software Engineering through practical labs and projects.