

MAHALAKSHMI M

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PROFESSIONAL SUMMARY

Dynamic and detail-oriented B.Tech graduate in Information Technology with a strong foundation in full-stack web development and a passion for building innovative, user-centric applications. Proficient in Java, Spring Boot, and SQL, with hands-on experience in developing scalable web solutions and integrating front-end and back-end technologies. Known for delivering high-quality projects and solving complex technical challenges in collaborative, agile team environments. Committed to continuous learning and contributing effectively to dynamic and fast-paced organizations.

SKILLS

Technical Skills

- **Programming Languages:** Java (Core and Advanced), Python, SQL
- **Web Technologies:** HTML, CSS, JavaScript, React.js
- **Frameworks:** Spring Boot, Hibernate
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub
- **Tools:** IntelliJ IDEA, Postman, Figma

Soft Skills

- Problem-Solving
- Communication
- Team Collaboration

PROFESSIONAL EXPERIENCE

Full Stack Java Developer (Intern)

Cranes Varsity, Bangalore

July 2022 – August 2022

- Designed and implemented a fully functional e-commerce website using Java, Spring Boot, HTML, CSS, and JavaScript.
- Gained hands-on experience integrating front-end with back-end services and managing databases.
- Optimized the application for performance and scalability.

Designer and Content Writer (Intern)

Vidhi.ai Innovative Technology Pvt. Ltd., Coimbatore

February 2024 – April 2024

- Contributed to UI/UX design for technical documentation, enhancing user engagement.
- Designed and formatted materials for a Python programming book using Figma and Adobe XD.

PROJECTS

E-Commerce Web Application

March 2024 – May 2024

- Built a Java-based e-commerce application using Spring Boot for the back end and React.js for the front end.
- Integrated payment gateway APIs and implemented authentication features for users.
- Enhanced application performance by optimizing database queries with Hibernate.

Credit Card Fraud Detection System

June 2023 – December 2023

- Developed a fraud detection system using Java and machine learning algorithms to analyze transaction data.
- Implemented REST APIs for integrating the model with a web application.

Safety Locator – Crime Rate Prediction

January 2024 – April 2024

- Designed a web-based system to predict crime-prone areas using Spring Boot and Angular.
- Incorporated Google Maps API for data visualization and navigation.

EDUCATION

Bachelor of Technology (B.Tech) – Information Technology

Hindusthan Institute of Technology, Coimbatore

2020 – 2024 | **CGPA:** 8.8/10

EXTRA-CURRICULAR ACTIVITIES

- Published a paper on Dynamic Task Assessment for COTSBot in a peer-reviewed journal.
- Participated in E-Workshop at PSG College of Technology, Coimbatore (November 2021).

LANGUAGES

- **English:** Fluent
- **Tamil:** Native