

Mohammed Umar Farook

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Professional Summary

Enthusiastic Computer Science graduate with hands-on training in **Java Full Stack Development** at JSpiders. Skilled in building secure backend systems with **Java**, **Spring Boot**, and **Hibernate**, and developing responsive front-end interfaces using **HTML**, **CSS**, and **JavaScript**. Completed projects including the **TradeShift Portfolio Simulator** and **Movies REST API**, demonstrating strong problem-solving and application design skills.

Experience

JSpiders Training Institute

Completed in 2025

- **TradeShift Portfolio Simulator:**

- * Developed a portfolio simulation application using **Java**, **Spring Boot**, and **MySQL**, enabling users to track and manage investment portfolios.
- * Implemented secure backend services with **RESTful APIs**, handling user authentication and transaction workflows.
- * Designed responsive front-end interfaces with **HTML**, **CSS**, and **JavaScript**, improving usability and accessibility.

- **Movies REST API:**

- * Built a **RESTful API** using **Java** and **Spring Boot** to manage movie data (CRUD operations).
- * Integrated with **MySQL** for persistent storage and optimized queries for faster data retrieval.
- * Ensured modular design and clean documentation to support scalability and future enhancements.

Hobbies

- Coding and Learning New Technologies – exploring frameworks like Spring Boot, React, and AI tools
- Passionate About Film and Storytelling – exploring world cinema, genres, and narrative techniques
- Playing Video Games – enhancing creativity, focus, and adaptability

Technical Skills

Languages: Java, JavaScript, HTML, CSS, JSON

Frameworks Libraries: Spring Boot, Hibernate, React.js

Database: MySQL

Tools: Git, Postman, Eclipse

Methodologies: RESTful API Design, Secure Authentication (JWT, bcrypt), Debugging Optimization

Education

RR Institute of Technology

Bangalore

B.E - Computer Science

- **Final Year Project:** Cotton leaf detection using CNN architecture

Software: Python, TensorFlow, Keras, OpenCV

Impact: Helped improve crop health by enabling timely disease detection and intervention.