

Yashraj Pavaskar

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Professional Summary

Java Spring Boot Developer and MCA student at Vellore Institute of Technology, Bhopal, with hands-on experience in building scalable full-stack applications using Java, Spring Boot, React.js, JavaScript, and REST APIs. Designed and implemented multiple end-to-end projects including a Job Portal and Weather Dashboard, focusing on backend architecture, API integration, and responsive UI development. Seeking an entry-level software development role to contribute strong problem-solving and full-stack engineering skills.

Education

Vellore Institute of Technology, Bhopal

Master of Computer Applications (MCA)

2024 – 2026

CGPA: 7.79

Hirachand Nemchand College of Commerce, Solapur

Bachelor of Computer Applications (BCA)

2020 – 2023

CGPA: 7.90

Technical Skills

- **Programming Languages:** Java, C++, Python, JavaScript
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming
- **Frameworks:** Spring Boot, React.js
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Web Technologies:** HTML, CSS, Tailwind CSS, Thymeleaf
- **Tools & Platforms:** Git, GitHub, REST APIs, Maven, JDBC, Hibernate, AWS (Basic)

Projects

Chat Application

Java, Swing, Socket Programming

- Engineered a real-time chat application supporting bi-directional messaging over TCP sockets.
- Designed a multi-threaded client-server architecture capable of handling 10+ concurrent users, demonstrating **65% proficiency** in Java networking.
- Optimized socket communication to improve message delivery speed and application responsiveness.

Job Portal

Spring Boot, React.js, Tailwind CSS

- Built a scalable full-stack job portal enabling job posting, search, filtering, and application workflows.
- Developed 10+ RESTful APIs using Spring Boot with secure database connectivity and CRUD operations.
- Implemented responsive user interfaces using React.js and Tailwind CSS, achieving **70% full-stack proficiency**.

Weather Dashboard

Spring Boot, React.js, REST APIs

- Designed a full-stack weather dashboard integrating third-party APIs for real-time and forecast data.
- Implemented city-based search, temperature visualization, and API error handling mechanisms.
- Improved frontend-backend data synchronization, demonstrating **60% proficiency** in API integration.

AI/ML Project – Predictive Analysis System

Python, Machine Learning

- Built a supervised machine learning model to perform predictive analysis on structured datasets.
- Executed data preprocessing, feature engineering, and model evaluation to enhance prediction accuracy.
- Demonstrated **55% proficiency** across machine learning workflows and model optimization techniques.

Certifications

- Scaler – Mastering Java Fundamentals
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Additional Information

- Actively learning advanced Spring Boot, Microservices, and Cloud technologies.