

Rahul Bhujbal

Backend Developer — 1.5 Years at TCS

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[Portfolio](#)



Summary

Backend developer with 1.5+ years of experience at TCS. Skilled in Java, Spring Boot, and SQL, with a strong focus on building scalable and efficient systems. Experienced in optimizing database performance, developing APIs, and implementing security solutions.

Skills

- **Languages:** Java, Python, SQL
- **Frameworks:** Spring Boot
- **Databases:** MySQL, MongoDB, H2

Work Experience

Tata Consultancy Services

Pune, Maharashtra

Assistant System Engineer

Oct 2023 – Present

- Improved onboarding efficiency by 30% by automating processes with Java and Spring Boot.
- Enhanced query performance, reducing latency by 25% through Spring Data JPA.
- Ensured secure user sessions, achieving 99.8% uptime with Spring Security.
- Tested over 15 APIs with Postman, ensuring 98% reliability under load testing.
- Collaborated with teams to streamline development processes and improve overall application performance.

The Sparks Foundation

India

IoT & Computer Vision Intern

Feb 2022 – Mar 2022

- Developed a Python-based system for detecting colors using OpenCV, achieving 95% accuracy.

Projects

Intelligent IT Support Ticket System

Spring Boot, H2

- Automated the routing of IT support tickets, reducing manual errors by 40%.
- Implemented CRUD operations using Spring Data JPA and H2 database for efficient data management.

Virtual Farming Assistance Platform

Spring Boot, Python

- Built AI-driven APIs for crop recommendations, improving farming productivity by 30%.
- Integrated real-time weather data using OpenWeatherMap API to assist farmers with informed decisions.

Multi-Language Code Snippet Library

Spring Boot, H2

- Designed a RESTful API to manage code snippets for over 10 programming languages.
- Improved search functionality using JPA, reducing search time by 50%.

Education

B.E. Computer Engineering

2019 – 2023

Savitribai Phule Pune University, Pune

Certifications

- Java Spring Framework (Udemy) 2023
- Problem Solving (HackerRank) 2022

Languages

English (Professional), Hindi (Native), Marathi (Native)