

Rajas Samarth

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Education

B.Tech. in Computer Science and Engineering
VIT Bhopal University, Bhopal, MP

2022 – 2026
CGPA: 8.27 / 10

Projects

AI Job Application Tracker and Resume Analyzer | Backend Developer May 2025

- Designed and developed an application enabling users to track job applications through a visual Kanban board.
- Built a resume analyzer by integrating a third-party NLP API to compare resumes against job descriptions and generate a keyword match score.
- Implemented a secure file upload system with Apache Tika for parsing and extracting text from PDF/DOCX resumes.
- Developed a Spring Boot REST API backend with Spring Security (JWT) for authentication and role-based access control.
- Optimized database operations with JPA & MySQL, ensuring scalable storage and retrieval of application data.

Dynamic Quiz Application | Full Stack Developer Sep 2024

- Developed a dynamic quiz web application using Java Spring Boot and MySQL.
- Designed and implemented REST APIs to serve quiz questions, validate answers, and calculate real-time scores with <200ms response time.
- Created a notes section delivering comprehensive study material for each programming language to enhance learning.
- Built frontend using HTML, CSS, JavaScript with real-time score tracking.

Ecommerce Website | Backend Developer Jan 2024

- Built the backend services for a full-featured ecommerce platform as a personal side project.
- Implemented customer functionalities: product browsing, add-to-cart, wishlist, and secure checkout.
- Developed admin panel APIs for authentication, product management (add/update/delete), and customer data viewing.
- Designed a secure login system for both admin and customers, ensuring role-based access control.
- Structured database schema and optimized queries with JPA & MySQL for efficient data handling.

Extra-curricular

- Core Member, Microsoft Club Oct 2023 – Dec 2024
 - Organized and facilitated a series of 3 hands-on technical workshops on topics including Azure Fundamentals and Data Analytics, drawing a total participation of over 300 students.
 - Was instrumental in the planning and execution of ‘Tech Ignite 2025’, the club’s flagship tech symposium, ensuring a smooth and engaging experience for its 100+ attendees.

Additional

Technical Skills: Java, JavaScript, Spring Boot, Spring Security, Spring MVC, Spring JPA, REST API, MySQL, HTML, CSS, Git, Postman

Achievements:

- Solved **150+** Data Structures & Algorithms problems on LeetCode, earning the **100 Days Badge** for consistency.

Certifications & Training: Oracle Java Foundation Associate, IBM Blockchain Developer Certification