Rajas Samarth

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Education

B.Tech in Computer Science and Engineering — 2022 – 2026
Vellore Institute of Technology, Bhopal — CGPA: 8.3 / 10

Projects

AI Job Application Tracker and Resume Analyzer | Backend Developer

- Developed a job application tracking system with a Kanban board supporting 5+ stages, improving workflow visibility and increasing engagement by 20%.
- Integrated a third-party NLP API to analyze resumes against job descriptions, generating automated keyword match scores with 85%+ relevance accuracy.
- Implemented a secure file upload and processing pipeline using Apache Tika to parse and extract text from PDF/DOCX resumes (handling files up to 5MB) with 95% text extraction accuracy.
- Built secure RESTful APIs using Spring Boot, Spring Security (JWT), and RBAC; optimized MySQL queries with indexing, reducing response time by 30%.

Dynamic Quiz Application | Full Stack Developer

- Developed a full-stack quiz platform using Java, Spring Boot, and MySQL, supporting 500+ quiz attempts with response time under 200ms.
- Designed 10+ REST APIs for dynamic question loading, answer validation, and real-time score computation for 50+ questions per session.
- Built a responsive frontend using HTML, CSS, and JavaScript with integrated notes module covering 5+ programming languages.

Ecommerce Website | Backend Developer

- Developed backend services for an ecommerce platform using Spring Boot and MySQL, managing 50+ products and secure checkout workflows.
- Implemented 15+ REST APIs for authentication, product CRUD operations, cart, wishlist, and order management with JWT-based RBAC security.
- Designed a normalized relational schema and optimized indexed queries, reducing data retrieval latency by 25%.

Extra-curricular

- Core Member, Microsoft Club

  - Organized and facilitated a series of 3 hands-on technical workshops on topics including Azure Fundamentals, drawing a total participation of over 70 students.
  - Was instrumental in the planning and execution of 'Tech Ignite 2024', the club's flagship tech symposium, ensuring a smooth and engaging experience for its 100+ attendees.

Additional

Technical Skills: Java, Spring Boot, REST API, MySQL, HTML, CSS, JavaScript.

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