VANSHIKA BHOJANI

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EDUCATION

Vellore Institute of Technology <div align="right">**Cumulative GPA: 8.55/10**</div>

B.Tech , Computer Science Engineering <div align="right">*Expected Aug: 2026*</div>

SKILLS

Languages: Java | **Backend:** Spring, SpringBoot | **Database:** MySQL, MongoDB, Postgres | **Cloud and Tools:** AWS, VS Code, Git, GitHub, Maven, WebSocket | **AI and GenAI:** LLM (Gemini, OpenAI), Web Scraping (Playwright)

EXPERIENCE

Java Developer Intern **FabHR Solutions Pvt. Ltd.** *Indore, May 2025 – Jun 2025*

- Developed scalable Java modules for a cloud-based HR platform, reducing code complexity by 25% through object-oriented design and modularization.
- Coordinated in Agile sprints with 6+ developers, contributing to code reviews,and Git-based version control. Implemented unit tests and automated debugging scripts, increasing test coverage by 40% and reducing production bugs.

PROJECTS

Real-Time Chat Application | *SpringBoot, WebSocket, Maven, Java* *Mar 2025*

- Engineered a scalable chat application capable of handling 50+ concurrent users with <100ms latency, validated against 1k+ simulated concurrent connections to ensure stability.
- Automated build and dependency management with Maven, cutting down manual configuration efforts by 40%.
- Designed a lightweight frontend optimized for speed, cutting initial load time by 1.5 seconds and improving user retention by 25%.

Pet Clinic: | *SpringBoot, Java, Maven, MySQL, GeminiAPI* *Aug 2024*

- Developed a full-stack veterinary clinic management application using Spring Boot and Thymeleaf, implementing MVC architecture with Spring Data JPA for efficient data persistence, supporting HSQLDB, MySQL, and PostgreSQL databases with seamless configuration switching.
- Implemented comprehensive CRUD operations for managing owners, pets, veterinarians, and visit records with RESTful API design, utilizing Spring for form validation using Bean Validation and content negotiation supporting HTML, XML, and Atom formats.
- Engineered declarative transaction management using Spring AOP and integrated aspect-oriented programming to monitor repository method invocations, reducing database query errors by implementing optimized JPA queries and caching strategies for improved performance.

E-AI :Smart Email Assistant | *Maven, SpringBoot, Java* *Jan 2025*

- Built an AI-powered Email Management System using Spring Boot 3.2 and Spring AI that automatically generates smart email replies and categorizes incoming emails into different categories like Important, Spam, and Social.
- Integrated Gemini AI API to provide intelligent features including email summarization for long threads, sentiment analysis to detect emotional tone, and auto-generated email templates for common responses.
- Developed RESTful APIs with endpoints for email generation, categorization, summarization, and sentiment analysis using JavaMail API and Maven for project management.

CERTIFICATIONS

Frontend for Web Developers Certificate [Coursera]	*Apr 2025*
Bug Bonanza coding [HackerRank]	*Dec 2023*

ACHIEVEMENTS

- Technical Co-Lead - TechVersity Chapter: Led technical initiatives & 3 hackathons engaging 100+ students. *Sep 2022*
- Legrand Empowering Scholarship worth 4 Lakhs *Jan 2023*
- National Finalist - Meesho ScriptedByHer Hackathon *Aug 2025*
- LeetCode Rank: 493,850 & Contest Rating: 1815

ADDITIONAL

- Hobbies: Basketball & Swimming, Painting
- Languages: English (Fluent), Hindi (Fluent), Gujarati (Native), French (Novice)