

VANSHIKA BHOJANI

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EDUCATION

Vellore Institute of Technology
B.Tech , Computer Science Engineering

Cumulative GPA: 8.55/10
Expected Aug: 2026

SKILLS

Languages: Java, Python | **Frontend:** HTML, CSS, JavaScript, React.js, | **Backend:** Node.js, Express.js, RESTful APIs, Spring Boot | **Database:** MySQL, MongoDB, Postgres | **Cloud and Tools:** AWS, VS Code, GitHub, Maven, WebSocket | **DevOps:** CI/CD (GitHub Actions), SDLC | **AI and GenAI:** LLM (Gemini, OpenAI), Web Scraping (Playwright)

EXPERIENCE

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

- VyaPyaarAI: GenAI Business Guide** | *React.js, MongoDB, Express.js, Playwright* Aug 2025
- Created an AI-powered assistant helping 200+ Tier 2/3 sellers digitize businesses, reducing onboarding effort by 35% through AI mentorship and platform suggestions.
 - Streamlined competitive pricing workflows with Playwright-based scraping, enabling accurate price recommendations and improving seller conversion by 22%.
 - Implemented auto product listing feature, reducing manual cataloging time by 40% and handling 5k+ products with scalable backend architecture.
 - Integrated Gemini Flash 2.5 LLM for mentorship-like guidance, enabling sellers to get real-time growth strategies, operational support, and sustainability insights, improving business decision-making accuracy by 30%.

- BrainSync: Collaborative Project Platform** | *Angular, Node.js, Express.js, MongoDB, JWT* Apr 2025
- Designed and deployed a platform enabling 100+ students across 20+ domains to post, discover, and collaborate on projects, fostering interdisciplinary teamwork.
 - Built secure authentication and authorization using JWT and bcrypt, reducing unauthorized login attempts by 60% while ensuring a smooth user experience.
 - Optimized MongoDB schema and indexing strategy to handle 10k+ tasks and profiles, reducing query latency by 28% and sustaining 300+ concurrent sessions during peak use.

- Real-Time Chat Application** | *Spring Boot, 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 (HTML, CSS, JavaScript) optimized for speed, cutting initial load time by 1.5 seconds and improving user retention by 25%.

CERTIFICATIONS

- Full Stack Web Development [Udemy] Sep 2025
- HTML, CSS, and JS 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)