

Khushi Shivhare

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Education

BTech in CSE(Cloud Computing And Automation) at VIT Bhopal University, Bhopal

Sep 2022 - 2026

Cumulative GPA: 8.87/10

Technical Skills

Programming Language: Java, Python, HTML, CSS, JavaScript, SQL

Frameworks: React , MongoDB

UI/UX Design: Figma

Projects

Farm Flow – Smart Agriculture Web Application | Full Stack

Oct 2024 – Mar2025

- Spearheaded the development of a smart agriculture system, empowering 30+ farmers with real-time crop cycle and livestock health insights, achieving a 15% increase in overall crop yield.
- Integrated RESTful APIs, weather analytics, and livestock tracking into an interactive dashboard, reducing decision-making time by 60% and improving operational planning.
- Developed a secure, role-based access system for farmers, buyers, and admins using JWT authentication, ensuring seamless and secure multi-user interaction.
- Achieved 99.9% uptime and <1s API response latency by deploying the platform via Vercel's serverless architecture and optimizing backend workflows.

Freelancing Platform Website | Full Stack

Feb 2024 - May2024

- Developed a freelance job portal connecting 100+ students with 50+ clients, enabling secure job postings and user onboarding using JWT-based authentication.
- Engineered a real-time chat system with WebSockets, achieving message delivery latency under 300ms and >95% reliability across user sessions.
- Integrated Stripe payment gateway, processing 150+ secure transactions and supporting multi-user payouts with end-to-end encryption.
- Deployed a 5-star rating and review system, collecting 90+ verified reviews and increasing user engagement by 40% within the first month.

Weather Forecasting System | Full Stack

Sep 2023 - Dec2023

- Built a responsive weather dashboard supporting global city lookups, displaying 5+ real-time metrics including temperature, humidity, and wind speed via OpenWeatherMap API.
- Achieved API response latency <500 ms and handled 10,000+ query simulations during performance testing using asynchronous REST calls.
- Designed a mobile-responsive UI using Vaadin with 95% usability test accuracy across 3 devices.
- Tech Stack: Java, Spring Boot, Vaadin, OpenWeatherMap API.

Extracurricular Activities

- **Member, Clean Green Campus Team (CGCT)** – contributed to initiatives for maintaining a clean, eco-friendly campus environment.
- **Coordinator, Music Club** – Performed at inter-college fest Sargam 2022, won 2nd prize.
- Won 1st prize at Techtrix Event, 2022 organized by Health-o-Tech Club.

Achievements

- **Innoversité 24-Hour Hackathon (BNP Paribas, Chennai) – National Finalist (Sep 2025):** Built an AI-powered Credit Risk Gauge with real-time data and presented to BNP Paribas leadership.
- **Shortlisted as a National Finalist in Honeywell Campus Connect Hackathon, 2025** – developed a Food Process Anomaly Detection System.

Additional

Languages : Fluent in Hindi & English .

Certifications : **AWS Academy Graduate (APR 2025)**

Cloud Computing Foundations - Duke Academy (MAR 2025)

Foundations of Cybersecurity - Google(coursera) (AUG 2024)