Khushi Shivhare

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LinkedIn | Github

Education

BTech in CSE(Cloud Computing And Automation) at VIT Bhopal University, Bhopal	**Sep 2022 - 2026**

Cumulative GPA: 8.87/10

12th Standard, St. Mary's Senior Secondary School , Banda , Uttar Pradesh	**Jul 2022**

CBSE Percentage: 87%

10th Standard, St. Mary's Senior Secondary School , Banda , Uttar Pradesh	**Jul 2020**

CBSE Percentage: 93%

Technical Skills

Programming Language: Java, Python, JavaScript, HTML, CSS, SQL, C++
Frameworks: React , MongoDB
UI/UX Design: Figma
Developer Tools : Git,Google Cloud Platform, VS Code, IntelliJ , Amazon Web Services.
Cybersecurity: SIEM Tools , Security Risk Management, Incident Response, Threat Intelligence.

Projects

Farm Flow – Smart Agriculture Web Application	**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	**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	**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

Additional

Languages   **:**   Fluent in Hindi & English .
Certifications :   AWS Academy Graduate **(APR 2025)**
                 Internship Certifications **(APR 2025)**
                 Cloud Computing Foundations - Duke Academy **(MAR 2025)**
                 Foundations of Cybersecurity - Google(coursera) **(AUG 2024)**
                 HTML, CSS, JavaScript for Web Developers - Johns Hopkins University **(DEC 2023)**