

# 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: 8.83/10

**12<sup>th</sup> Standard, St. Mary's Senior Secondary School , Banda , Uttar Pradesh**

**Jul 2022**

CBSE Percentage: 87%

**10<sup>th</sup> 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)