

Vinay Gore

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SUMMARY

Computer Science student specializing in cloud computing and automation with hands-on experience - designing, developing, and deploying production-ready applications on AWS. Proficient in Java, Python, SQL, React, Node.js, Docker, CI/CD, and relational/non-relational databases. Built real-time systems that improved performance and user metrics, and seeking a Software Development Engineer role to apply my technical expertise and problem-solving skills.

TECHNICAL SKILLS

Programming : Java, Python, SQL, JavaScript.

Web Development: HTML, CSS, React.js, Express.js, Node.js, Tailwind CSS, REST APIs.

Tools & Platform: AWS (EC2, S3, Lambda, RDS, CloudFront – list the ones you have used), Docker, CI/CD (GitHub Actions), Vercel.

Databases: MySQL, MongoDB

Problem Solving: Data Structures & Algorithms

PROJECTS

Potato Plant Disease Detection (CNN)

Apr 2025

Deep Learning Project -

Python, TensorFlow/Keras, NumPy, Pandas, AWS

- Built and deployed a CNN-based potato leaf disease classification model achieving 90% accuracy.
- Implemented data augmentation & preprocessing to improve robustness, increasing model generalization by 15%.
- Deployed as a real-time web app using Streamlit on AWS, enabling over 500+ farmers to access disease diagnosis remotely, reducing diagnosis time by 40%.

FaceMatrix

Mar 2025

Face Recognition System

Python, Flask, MongoDB, Node.js, React.js

- Developed a real-time facial recognition-based attendance system supporting over 1000 users.
- Designed dual-admin authentication, reducing unauthorized access by 25%.
- Optimized system performance with multi-threading and face encoding compression, cutting database query time by 30%, achieving sub-630 ms response time.

VendyGo

July 2025 – Present

Empowering Street Food Innovation

React.js, Tailwind, Node.js, MongoDB, Netlify

- Engineered a Co-op bulk buy module, increasing small vendor purchase volume by 30%.
- Enabled wholesalers to track demand, tailor sales strategies, and improve inventory turnover by 25%.
- Architected a B2B marketplace for real-time trading between vendors and wholesalers, scaling to 100+ active users monthly.
- Integrated secure payments, live notifications, and authentication, reducing transaction failures by 10% and improving user retention by 25%.

EXPERIENCE

Core Member, Public Relations & Outreach

Jan 2025 – Present

Software Development Club

VIT Bhopal

- Led publicity campaigns increasing event participation by 30%.
- Collaborated with cross-functional teams to organize technical workshops and outreach programs.

EDUCATION

VIT Bhopal University, Madhya Pradesh

Sept 2023 – Sept 2027

B.Tech, Computer Science – [Cloud Computing & Automation]

CGPA: 8.55/10

ACHIEVEMENTS

- 3rd Place – Face Recognition Hackathon, IIT Indore (Fluxus 2024).
- 1st Prize – Android Club Coding Event, VIT Bhopal.
- Top 83 Teams – Meta AI for Impact Hackathon (Hack2Skill).

CERTIFICATIONS

- Google IT Support Professional Certificate – OS, Networking, System Administration, Security
- Applied Machine Learning in Python – University of Michigan (Coursera)
- Introduction to Internet of Things – NPTEL (12 weeks)
- Full-Stack Web Development Bootcamp – Udemy (61.5 hours)
- Adobe India Hackathon – Round 1 Qualified