Vaibhav Bhosale

📧 textmevaibhav@gmail.com | 📞 +91 8830790274
🌐 Portfolio | GitHub | LinkedIn
📍 Pune, India | Willing to work remotely

Objective

Enthusiastic and solution-oriented developer with hands-on experience in backend development, cloud deployment, and AI integration. I'm excited to contribute to Cyberlence's mission of redefining Cyber Resilience by building secure, scalable, and cloud-native applications. Eager to apply my experience with Python, REST APIs, and DevOps to real-world cybersecurity challenges.

Education

B.Tech in Electronics and Telecommunication
Vishwakarma Institute of Information Technology, Pune
2022 – 2026 | GPA: 7.88

Technical Skills

- **Languages:** Python, JavaScript, TypeScript, C++, Bash

- **Frameworks:** Flask, FastAPI, Node.js, Express.js, React.js, Next.js

- **Cyber Tools:** Nmap, Burp Suite, Nessus, SonarQube

- **Cloud & DevOps:** AWS EC2, Docker, GitHub Actions, Linux, Shell Scripting

- **Databases:** PostgreSQL, MongoDB, MySQL

- **Others:** Git, CI/CD, Prisma, Tailwind CSS

Projects

AutoDock – CI/CD Deployment Engine
Node.js, React, Docker, AWS EC2, GitHub Actions

- Built full-stack app with Dockerized deployment on EC2.

- Automated CI/CD pipeline with GitHub Actions and NGINX reverse proxy.

- Implemented rollback-ready deployments and health checks.

VirtueHireX – AI Mock Interview Platform
Next.js, PostgreSQL, Gemini API, Clerk Auth

- Built and deployed an AI-based job interview platform.

- Integrated Gemini for Q&A generation and Razorpay for payments.

- Managed secure user roles and optimized backend with Drizzle ORM.

SAR Image Classification Using CNN + SVM
Python, TensorFlow

- Achieved 99% classification accuracy on SAR images.

- Built a blended model with CNN and SVM for military vehicle detection.

PCB Defect Detection System – Indian Air Force (Internship)
React, Jetson Nano, AI Integration

- Deployed React interface on embedded hardware for real-time inspections.

- Integrated ML models (Autoencoder, SVM) via REST APIs.

- Reduced inspection time by 30%.

Certifications

- **IBM Backend Developer** – [Coursera](#)

Extracurricular Activities

- **EESA (Electronics Association)** – Event Management Head

- **I2IC (Institute to Industry Connect)** – Council Member

Why I'm a Good Fit for Cyberlence

- Built and deployed secure APIs using Flask and REST principles.

- Familiar with tools like Nmap, Burp Suite, and SonarQube for security analysis.

- Strong grasp of Linux, scripting, and automation.

- Eager to work in a fast-paced, mission-driven cybersecurity team.

- Committed to continuous learning and high-quality engineering practices.