Drumil Nikhare

Full-Stack Developer | Cybersecurity & Machine Learning Enthusiast
Email: drumilnikhare29@gmail.com | Phone: +91-9724115115
GitHub: https://github.com/Panda-0x01 | LinkedIn: Nikhare Drumil
Location: India

Professional Summary

Results-driven Full-Stack Developer with strong experience in Python, PHP, and web technologies, and hands-on exposure to cybersecurity and machine learning projects. Skilled in building secure, scalable web applications, vulnerability scanners, and system-level projects including an in-progress custom Operating System. Passionate about security-first development, problem-solving, and continuous learning.

Technical Skills

Programming Languages: Python, PHP, JavaScript, HTML, CSS, SQL
Frameworks & Libraries: Flask, React.js, Vite, ShadCN/UI
Databases: MySQL
Cybersecurity: XSS, SQL Injection, CSRF, Vulnerability Scanning, API Abuse Detection
Tools & Platforms: Git, Kali Linux, Linux, Session-Based Authentication
Other Skills: REST APIs, Secure Coding Practices, System Design, Debugging

---

Projects

Zeno – Local AI Desktop Assistant

GitHub : zeno_AI

- Built a cross-platform, local-first AI desktop assistant using React (TypeScript), Vite, Electron, and Python FastAPI integrated with Ollama.

- Implemented secure WebSocket communication, streaming LLM responses, and configurable context windows.

- Developed voice input/output with Web Speech API and optional offline STT (Whisper/VOSK) and multi-voice TTS.

- Designed a security-first architecture: encrypted local storage (AES-256-GCM), sandboxed execution, audit logging, and permission-based actions.

- Created an extensible plugin system with permission controls for user-defined commands.

- Delivered polished, accessible UI (light/dark themes, ARIA support, keyboard shortcuts) and packaged installers for Windows, macOS, and Linux.

Boing – API Abuse & Cybersecurity Monitoring Platform

GitHub : [Boing_API](#)

- **Built a production-ready API abuse and cybersecurity monitoring platform using React + Vite, Python FastAPI, and MySQL.**

- **Implemented real-time telemetry ingestion via HTTP and WebSockets with live dashboards and metrics visualization.**

- **Designed a multi-layer detection pipeline combining rule-based checks, statistical anomaly detection, and ML models (Isolation Forest, One-Class SVM), with optional local LLM analysis.**

- **Developed a robust alerting system with email (SMTP), webhooks/Slack, and in-app notifications.**

- **Implemented security best practices including JWT authentication, role-based access control, encrypted API secrets, rate limiting, input validation, and audit logging.**

- **Enabled scalable deployment using Docker, Gunicorn, and support for horizontal scaling and async processing.**

Internship Experience

Aspiration

Software Development Intern

- **Worked three days a week on real-world development tasks and project implementation.**

- **Collaborated on backend logic, debugging, and feature development.**

- **Gained experience in professional development workflows and project documentation.**

Education

Diploma in Information Technology (2022 – 2025)

Diploma in Information Technology with a strong foundation in programming, database management, computer networks, and software development. Gained hands-on experience through academic and practical projects, with a focus on problem-solving and secure application development.