

# Aditya Pandey

📍 Hyderabad, Telangana, India ✉ opaadi98@gmail.com ☎ 9696384694 📄 in/aditya-pandey-896109224 🖱 aadi-web8.vercel.app

---

## SKILLS

Cybersecurity | Ethical Hacking | SOC Operations | Python Development | Open-Source Integration | Large Language Models (LLM) | Deep Learning | Generative AI | Machine Learning | AI/ML Security | Threat Intelligence | SIEM (Splunk, QRadar) | Endpoint Detection & Response (EDR/XDR) | Cloud Security (AWS, GCP, Azure) | DevOps & CI/CD | Infrastructure as Code (Terraform, Ansible) | Advanced Reasoning (CoT, ToT) | AI-Powered Threat Detection | LangChain & CrewAI | Natural Language Processing (NLP) | Full-Stack AI Development (Flask, FastAPI, Django, Streamlit) | Penetration Testing & Vulnerability Assessment

---

## SUMMARY

Experienced in AI-driven full-stack development, large language models (LLMs), generative AI, deep learning, and cybersecurity. Skilled in deploying advanced AI solutions using CrewAI, LangChain, LangGraph, PyTorch, Gemini, OpenAI, and various cloud platforms. Strong background in DevOps, cloud computing, and security automation. Proven ability to develop and deploy production-ready AI applications with expertise in Flask, FastAPI, Django, and Streamlit.

---

## EXPERIENCE

### Lead AI Architect | SangathaAI | Milpitas, California USA | February 2025 - Present

- Designed a fully advanced backend infrastructure for AI & Agents and developed a Django backend to support the agentic workflow.
- Developed a Wellness AI agent that delivers content based on user emotional state, and created an advanced LLM-driven recommendation system powered by agents, providing context-aware and personalized recommendations throughout the application.
- Developed a unified system for challenge creation, enabling a complete application ecosystem.
- Developed and designed the frontend of the web application using Next.js and Tailwind CSS.
- Created robust REST APIs for agentic workflows, documenting all API workflows and execution.

### Agentic AI Developer | Freelance | Remote | May 2024 - February 2025

- Developed and deployed AI-powered applications, integrating LLMs for advanced reasoning and automation.
- Built custom AI agents using CrewAI and LangChain for effective decision-making and workflow automation.
- Designed and implemented LLM-powered chatbots, recommendation systems, and cybersecurity tools.
- Created AI-driven knowledge management and search systems utilizing retrieval-augmented generation (RAG).

### System Administrator and Pentester | Invedus Outsourcing | Noida | April 2023 - September 2023

- Core Penetration & Log Monitoring on SOC - Environment precision in dissecting network vulnerabilities and vigilant monitoring of logs for preemptive defense.
- Conducted comprehensive penetration tests on corporate networks, identifying and mitigating 85% of security vulnerabilities within six months, utilizing tools such as Metasploit, Wireshark, and Nessus.

---

## PROJECTS

### AD\_VulnxAI | Open source | [github.com/CYBERBULL123/AD\\_VulnxAI](https://github.com/CYBERBULL123/AD_VulnxAI)

- The AI tool AD\_VulnxAI an open source tool for vulnerability detection, risk prediction, and system security insights.
- AD\_VulnxAI uses deep learning models for risk prediction and vulnerability exploitation probability, and uses isolation forests for anomaly detection.
- The tool's tech stack includes Scikit-learn, PyTorch, LangChain, and Google Generative AI.
- Helping cybersecurity teams mitigate vulnerabilities in real time.

### OxSuite | OxSecure Intelligence | [oxsuite.streamlit.app](https://oxsuite.streamlit.app)

- AI-powered cybersecurity suite for threat detection and response that created by OxIntell, OxRAG, OxImagen, and OxScanner.
- Integrated OxIntell, OxRAG, OxImagen, and OxScanner to enhance threat detection accuracy by 40%, providing comprehensive cybersecurity measures within the OxSuite platform.

### CypherDeck | Freelance | [jacky987.pythonanywhere.com](https://jacky987.pythonanywhere.com)

- This application Flask-based AI tool for generating cybersecurity reports. uses cybersecurity findings from the user and performs advanced AI reasoning as chain-of-thought, theory-of-mind, and robotic process automation (RPA).
- Based on findings, then generates an advanced report. can also fully remediate these findings. Finally, the application allows the user to generate any type of report that's related to cybersecurity.

### AtmaVeda AI Platform | Learning | [atma-veda.vercel.app/](https://atma-veda.vercel.app/)

- This project is an AI system that analyzes and interprets ancient Indian spiritual texts. uses the following tech stack: Next.js, React, Vercel, JWT, LLM & NLP.
- The AtmaVeda AI Platform integrated with VedaGPT (Gemini LLM), where a user can ask any spiritual question.
- The user can ask questions on a variety of topics and receive spiritualistic and valuable information.

### Symphonic: AI for Literary Arts | Freelance | [symphonic.streamlit.app](https://symphonic.streamlit.app)

- NLP platform for AI-powered literary content generation.
- Tech Stack: Python, LangChain, Gemini API, AWS, Streamlit.

---

## EDUCATION

Bachelor of computer applications | IGNOU | Minor in No | New Delhi | 2025

---

## CERTIFICATIONS

Google cloud Cybersecurity | Google cloud | 2024

Cloud computing masterclass | Udemy | 2023

---