

Kabir Chawla

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PROFESSIONAL SUMMARY

Recent Computer Science graduate from VIT Vellore, skilled in **Python, C++, Java, SQL, REST APIs, and AWS**. Experienced in building full-stack and backend applications, automating workflows, and deploying systems on cloud platforms. Completed **S&P Global Junior Summer Experience**, gaining exposure to Agile development, code reviews, and collaborative engineering. Strong fundamentals in **OOP, Data Structures, Algorithms, and databases**, with hands-on project experience in AI, automation, and computer vision. My website: whoami.ktoolz.in

EDUCATION

Vellore Institute of Technology
B.Tech. Computer Science and Engineering

Vellore, Tamil Nadu, India
2021 – 2025

CERTIFICATIONS

Cybersecurity: [CompTIA Security+ 701](#) (779/900), *Preparing for CEH v13*
Soft Skills: [S&P Global Junior Summer Experience](#)

SKILLS

Programming Languages and Frameworks: Python (Django, Flask, FastAPI, RestAPI), C++ (Windows APIs), Java
Cloud Platforms: Amazon Web Services, Google Cloud Platform (Especially Oauth, SAML, APIs such as google drive etc.)
Databases: Relational DBs (MySQL, PostgreSQL), Data Pipelines, SQL and SQLite
AI Frameworks: Langchain, Generative AI, LLMs, PyTorch, TensorFlow, OpenCV
Other Tools: Git, GitHub, Bash Scripting
Soft Skills: Communication, teamwork, quick learner, ownership
Additional (Cybersecurity): Wireshark, Metasploit, Burp Suite, Nessus, Nmap

EXPERIENCE

DVP-SDE Intern **DiligenceVault, NY**

LLM, SAML, Docker, Python, Optimization (July 2025 – Till date)

- Developing internal automation tools and integrating workflows with SSO and SAML to streamline operations.
- Working on internal AI agents and automations, especially in creating MCP servers, RAG pipelines and prompt engineering
- Optimized and deployed the AI agents and tools on Docker

DVP-Infosec Intern **Religare Broking Limited, Noida**

SEBI's CSCRf, GRC, SOC, CIA-AA (March 2025 – May 2025)

- Aided SOC/GRC teams on ISO 27001, DLP, and 2FA policy testing and documentation
- Automated incident reporting workflows with Python, cutting manual time by 85%.
- Created internal AI tools for audits and compliance.

Threat Intelligence Intern **Safe Security, Delhi**

Threat Intel, Cybersecurity tools and frameworks, Red and Blue teams (May 2024 – July 2024)

- Delivered CompTIA Security+ training to 500+ people on youtube
- Strengthened threat analysis skills by solving vulnerability labs and capture-the-flag challenges.

Technical Intern **India Today Group, Delhi**

Python, AI, TTS/STT, AWS, Transformers, GAN (October 2023 – December 2023)

- Built and deployed an AI-driven content delivery system on AWS using Python and GANs, applying scalable software design principles.
- Worked on SANA's (Aajtak's AI reporter) TTS and lip sync, shifting from paid APIs to open source projects

PROJECTS

[Agentify](#) | Python, NodeJs, SQL, LLM, RAG, Langchain, Machine Learning, Pinecone, React.js
RAG-based FinTech app with portfolio analysis and ML-driven loan approvals (Python, SQL, Pinecone). Integrated LLMs using Langchain. Achieved 92%+ user query resolution accuracy. Hosted on Vercel.app

[Smart Inventory](#) | Python, Flask, YOLOv8, Computer Vision, Flask
Real-time inventory tracker using YOLOv8 + Flask; achieved 95%+ object detection accuracy on custom datasets