# Aditya Kumar Sharma

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in LinkedIn | ⚙ GitHub | </> GeeksforGeeks | ⑂ CodeChef | ⊕ Hackerrank

## SKILLS

**Languages:** C/C++, Python, JavaScript, TypeScript, Java, SQL
**Technologies & Tools:** Azure, Kubernetes, Docker, ReactJS, LangGraph, LangChain, FastAPI, PostgreSQL
**Concepts:** DSA, Cloud Computing, SRE Automation, AI Agents, REST APIs

## WORK EXPERIENCE

**UBS, Pune**                                                                                     Aug 2024 – Present
*Software Developer*

- Architected **AI-driven SRE automation** using **LangGraph, LangChain**, and **Azure OpenAI**, reducing MTTR by **30%**.
- Built automated incident classification system, reducing manual SRE effort by **30–40%**, improving service reliability.
- Built a **Cloud Cost Optimization** Portal with **OAuth authentication**, visualizing spend and driving **$100K+ savings**.
- Designed **AutoSys job monitoring platform** with graph-based visualization, reducing failure analysis time by **40%**.
- Developed an **AI document automation analyzer** using multimodal pipelines, reducing review time by **60–70%**.
- **Tech Stack:** Python, FastAPI, Azure OpenAI, LangGraph, PostgreSQL, FAISS, React.js, Node.js, OAuth 2.0

**UBS, Pune**                                                          May 2023- Jul 2023, Jan 2024 – Jun 2024
*Software Engineering Intern*

- Developed a **bulk Azure Blob** cleanup utility, reducing storage consumption by **20–30%**, measurable cost savings.
- Engineered a **database-driven configuration system** enabling zero-downtime updates and improved reliability.
- Implemented **Trie-based keyword search** and advanced **UI filtering**, thus reducing data discovery time by **40–60%**.
- Integrated **secure runtime credential retrieval** using **Enterprise Vault** and improving application security posture.
- Led the **Node.js runtime upgrade (v12 → v20)**, improving performance, security, and long-term maintainability.

**GeeksforGeeks (GFG – Education)**
*Technical Content Writer*

- Authored high-quality computer science and data structures articles, including a featured piece with **10,000+ views**.
- **Article:** Multiple comparisons in a C++ priority queue

## EDUCATION

**B.Tech, Information Technology — VIT Vellore**                                         GPA: 8.92/10
2020 – 2024

**Senior Secondary — Seth M.R. Jaipuria School**                                              97.5%
2020

**Secondary — Seth M.R. Jaipuria School**                                                     94.5%
2018

## PROJECT WORK

- **Eco Prompt Quest:** Built **PromptQuest**, a gamified prompt-engineering platform integrating React, UX research, algorithm design, and ESG impact measurement, securing **2nd place** in a hackathon.

## AWARDS AND CERTIFICATES

- **Technology Services Vanguard Award (AI Adoption):** Awarded for leading high-impact AI adoption initiatives.
- **GOTO Outstanding Performer and Innovation Star awards:** for cloud optimization and business-critical delivery
- **Best Graduate Award (UBS):** Rewarded for technical excellence, high-impact contributions as a graduate engineer.
- **Certified Engineer (UBS):** Earned internal engineering certification in cloud, enterprise systems, and best practices.
- **Merit Scholarship, Tata Motors (2018–2024):** Awarded merit-based scholarship for six-year academic excellence.
- **Microsoft Python Development:** Python programming, automation, data analysis, scripting, real-world project.
- **Java Programming Fundamentals (IBM | SkillUp):** Core Java, OOPs, data structures, application development.
- **Microsoft Certified: Azure & Power Platform Fundamentals:** Cloud services, automation, analytics, low-code
- **Microsoft Certified: Azure Data Fundamentals:** Data concepts, relational databases, analytics workloads
- **IBM DevOps and Software Engineering Professional Certificate** (In Progress): DevOps, cloud, CI/CD, containers, microservices