

Aditya Sarin

Bachelor of Technology – 2nd Year (CSE)

Job Role - Software Engineer /Data Science / ML Intern

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PROFILE

Resourceful 2nd-year Computer Science student specializing in Artificial Intelligence & Machine Learning with a CGPA of 9.0/10. Passionate about building data-driven solutions using Python, C and SQL. Recognized for rapidly prototyping ideas, mastering new APIs (Gemini, GTTS) and delivering polished products under tight timelines. Seeking a Summer '25 Software Engineering / Data Science/ Machine Learning internship where I can contribute strong analytical skills, clean code and an eye for product impact.

TECHNICAL SKILLS

- **Programming Languages:** C, Python (pandas, scikit-learn, NumPy), MySQL
- **Core CS:** Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks
- **ML / Data:** scikit-learn, Pandas, Matplotlib, Jupyter, Git
- **APIs & Frameworks:** Google Gemini LLM API, GTTS, Streamlit
- **Developer Tools:** Git & GitHub, VS Code

PROJECTS

- **Personal Assistant** June 2024 – July 2024
 - Built a voice-enabled desktop assistant that answers queries via **Google Gemini LLM API** and speaks responses using **gTTS**.
- **Electronic Gadget Shop Management System** January 2025 - February 2025
 - Designed a CRUD Python application connected to **MySQL** for inventory, billing & customer records.
 - Implemented authentication and transaction logging; reduced manual billing time by ~70 % in testing.
- **Spam SMS Detector** February 2025 - February 2025
 - Trained a **Naïve Bayes** classifier achieving **98 % accuracy** on UCI SMS dataset; deployed via Streamlit.
- **Credit Card Fraud Detection Pipeline** March 2025 - March 2025
 - Engineered features & handled class imbalance with **SMOTE**, reaching **0.92 ROC-AUC** on Kaggle dataset.

EDUCATION

- **Sharda University, Greater Noida, Uttar Pradesh, India**

2023-2027

Bachelor of Technology in Computer Science and Engineering specialized in Artificial Intelligence and Machine Learning. **CGPA: 9.00**

Activities: Google Developer Student Club (Core Member), CodeChef Chapter (Competitive Programmer)

CERTIFICATIONS

- Java foundations (by Oracle)
- AI/ML for Geodata Analysis (Indian Space Research Organisation (ISRO))
- 100 Days of Code: The Complete Python Pro Bootcamp (Udemy)

ADDITIONAL INFORMATION

- **Hackathons:** Smart India Hackathon 2024 (Top 10 % nationwide), Technova 2025

References available upon request