
PROFESSIONAL SUMMARY

Computer Science (AI) student with A+ GPA and strong analytical and problem-solving skills. Skilled in Python, C++, and data handling with experience in collaborative projects focused on accuracy and efficiency. Interested in operational risk management and process execution.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science & Engineering (Artificial Intelligence)

Arya College of Engineering, Jaipur | 2023 – 2027

CGPA: 9.49

Senior Secondary (RBSE – Science & Mathematics)

Maa Bharti Sr. Sec. School | 2022

Percentage: 74.80%

EXPERIENCE

JPMorganChase Software Engineering Job Simulation on Forage - February 2026

- Integrated Kafka into a Spring Boot microservice to consume and deserialize high-volume transaction messages using a configurable topic and embedded Kafka test framework.
- Implemented transaction validation and persistence logic with Spring Data JPA and an H2 SQL database, including entity modeling and balance updates across relational User records.
- **Key Learnings:** Gained hands-on experience in event-driven microservices architecture, asynchronous message processing with Kafka, RESTful service integration, transactional data consistency, and end-to-end backend system testing.

Software Developer Intern – Code Arrest Pvt. Ltd. | 2025 (45 Days)

- Supported software development and debugging activities with a focus on accuracy and structured workflows.
 - Assisted in preparing technical documentation and tracking task progress using spreadsheets.
 - Developed strong problem-solving and collaboration skills while working on real-world applications.
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PROJECTS

Shopper's Plus ERP System

Python, PyQt5, SQLite3, Matplotlib, SQL

- Designed and developed a full-featured Sales & Inventory Management System supporting multi-role authentication (Admin, Manager, Worker) with Role-Based Access Control (RBAC).
- Built an inventory forecasting module using custom burn-rate algorithms to predict stock depletion and improve procurement planning.
- Model and optimized relational databases (5+ tables) in SQLite3 for transaction management, supplier tracking, and commission-based profit analysis.
- Developed an interactive analytics dashboard with Matplotlib for revenue tracking, net profit margin analysis, and product performance insights.

Python Automation Voice Assistant

- Designed and implemented a voice-based automation system using Python.
- Performed secondary research to integrate speech recognition and information retrieval modules.
- Automated web searches and application execution to improve operational efficiency.

AI Chatbot Application (Ollama Model)

- Built an AI-powered chatbot capable of generating contextual responses to user queries.
- Implemented natural language processing techniques for real-time interaction.
- Designed a user-friendly interface ensuring clarity and usability.

Technical Skills :

Tools & Technologies:

- MS Excel, MS PowerPoint, MS Word
- Python, C, C++, HTML, CSS
- MySQL, PostgreSQL
- Git, GitHub, AWS (Basics), Linux
- VS Code, Jupyter Notebook

Core Competencies:

- Data Analysis & Data Validation
- Secondary Research & Information Synthesis
- Report Writing & Presentation Preparation
- Debugging & System Workflow Understanding

SOFT SKILLS:

- Analytical Thinking
- Effective Communication
- Attention to Detail
- Time & Task Management
- Team Collaboration

CERTIFICATIONS & TRAINING

- **JPMorganChase Software Engineering Job Simulation on Forage-** February 2026
- **Internship Completion Certificate** – Code Arrest Pvt. Ltd. (45 Days)
- **Social Entrepreneurship Internship** – Internshala, 2025
- **Advanced C++ Certification** – IIT Bombay (Spoken Tutorial), 2025 (Score: 95%)
- **C Certification** – IIT Bombay (Spoken Tutorial), 2024 (Score: 95%)
- **Introduction to C Certification** – IIT Bombay (Spoken Tutorial), 2024 (Score: 95%)
- **Solutions Architecture Job Simulation** – Forage, 2024

Interests

- Artificial Intelligence & Emerging Technologies
- UI/UX Design and Front-End Development
- Outdoor Activities: Hiking & Traveling & Badminton

ACHIEVEMENTS

- Secured A+ Grade and recognized as Class Topper at Arya College of Engineering.
- Elected Class Representative, demonstrating leadership and communication skills.
- Top 10 Finalist – Innovastra Hackathon 2025.
- Received internship offer from Hamari Pehchan NGO based on performance.

LANGUAGES

English: Professional Proficiency

Hindi: Native Proficiency