

TANISH KHAN

♀ Kota, Rajasthan

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🌐 Portfolio: <https://tanishkhan9.github.io/Portfolio-2.0/>

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.
- Connected the service to an external REST Incentive API using RestTemplate, processing incentive responses and incorporating them into transactional workflows.
- Developed a REST endpoint for querying user balances, returning JSON responses through a Spring controller while maintaining clean architectural boundaries.
- Verified system behavior using Maven test suites and debugger-driven inspection, ensuring **reliability** across message ingestion, database operations, and external API interactions.

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.

Freelance Web Developer | 2023 – Present

- Built and maintained responsive websites using HTML, CSS, and JavaScript.
 - Collected client requirements, prepared structured content layouts, and ensured quality delivery.
 - Used GitHub for version control and systematic project tracking.
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PROJECTS

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.

Personal Portfolio Web Application

- Developed a responsive and SEO-friendly web application to showcase academic and technical projects.

- Created structured layouts and presentation-ready content using modern UI/UX principles.
- Maintained code repository using GitHub and followed modular development practices.

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