Shaishta Anjum

Bengaluru, Karnataka, India • (+91) 8792613514 • shaishta2002@gmail.com • LinkedIn • GitHub • Portfolio

EDUCATION

Bachelor of Engineering in Computer Science Engineering - Artificial Intelligence   2021-2025
Sri Venkateshwara College of Engineering, Bengaluru - CGPA: 8.24

XII in PCMC from Kendriya Vidyalaya AFS Yelahanka, Bengaluru   2019-2020
Percentage: 77.0%

X from Kendriya Vidyalaya AFS Yelahanka, Bengaluru   2017-2018
Percentage: 87.0%

EXPERIENCE

Associate Software Engineer | Nokia Solutions and Networks   *Aug 2025-Present*
• Container Owner for core 5G components, driving the deployment, testing, and integrity of individual Containers and Pods as the System Under Test (SUT).
• Utilizing test automation tools like Robot Framework and simulating high-performance network traffic with the Ixia Traffic Generator in a Kubernetes/OCP environment and AWS Platform.

Software Engineer Intern | Nokia Solutions and Networks   *Aug 2024-May 2025*
• Collaborating on the System Component Testing (SCT) Framework for 5G features, focusing on automation, protocol validation, and performance optimization.
• Gaining hands-on experience with *Robot Framework* for test automation, *YAFT* for loading baseline, and *Ixia Traffic Generator* for simulating high-performance network traffic.
• Assisting in debugging, optimizing, and validating critical 5G protocols and functionalities, ensuring high-quality system testing and integration.

Artificial Intelligence Intern | IBM   *Jun 2023-Jul 2023*
• Developed an AI-powered Mental Fitness Tracker, leveraging *data analytics* and *AI* techniques to assess and predict mental fitness globally.
• Managed the entire project lifecycle, including data cleaning, model development, and result interpretation, ensuring high-quality insights.
• Implemented *Random Forest regression* models, enhancing predictive accuracy and contributing to AI-driven health solutions.

PROJECTS

Face Recognition-Based Attendance System 🔗
• Designed and implemented a real-time attendance system using OpenCV and Haarcascade, achieving 95% face recognition accuracy.
• Automated attendance logging for 50+ individuals, reducing manual errors by 80% and improving efficiency.
• Stored and managed 1,000+ attendance records in an Excel database, ensuring easy access and compatibility without SQL integration.

AI Desktop Assistant - LUNA 🔗
• Developed an AI-powered desktop assistant leveraging OpenAI's GPT-3.5 Turbo, enabling instant responses with an average processing time of 1.2 seconds.
• Integrated 8+ features, including 90% accurate voice recognition, app launches, music playback, website navigation, and real-time time/date updates.
• Implemented error handling and persistent data storage, ensuring 100% uptime and enhancing user experience.

Movie Recommender System 🔗
• Developed a recommendation engine using cosine similarity and feature engineering on the TMDB 5000 dataset, personalizing movie suggestions.
• Preprocessed textual data with stemming, vectorization, and key feature extraction (genres, keywords, cast) to optimize similarity calculations.
• Built an interactive UI using Streamlit, enabling users to input movie titles and receive real-time recommendations with posters.

SKILLS

Technical Skills: Python, Java, C++, C, SQL, Power BI, Tableau, Excel, Data Cleaning, EDA, Automation & Testing, Robot Framework, YAFT, Ixia Traffic Generator, Docker, AWS, Kubernetes.

Management Skills: Problem-Solving, Decision-Making, Adaptability, Attention to Detail, Quick Learning, Project Management, Agile Methodology, Stakeholder Communication, Requirements Gathering, Business Acumen, Market Research, Data-Driven Insights, Presentation, Multitasking, Time Management.

CERTIFICATIONS

1. Complete Python Developer in 2023: Zero to Mastery – Udemy
2. SQL (Basic & Intermediate) – HackerRank
2. Java Programming for Beginners - Simplilearn
4. Networking Foundation: Networking Basics
5. Introduction to Machine Learning – Infosys Springboard
6. GitLab - Git Branching