

Aneesa Zainab Fazulullah

aneesazainabf@gmail.com

+91 9500063073

Chennai, India

[GitHub repository](#) | [SkillRack Resume](#)

ABOUT ME

Enthusiastic student with a strong interest in Artificial Intelligence and Machine Learning, and experience in programming with Python, C, and Java. Excels in both team-based and independent capacities, bringing a strong work ethic, effective problem-solving abilities, and outstanding communication skills.

TECHNICAL SKILLS

Programming Languages

- Python: Guvi Certified | Solved 1500+ problems on SkillRack | 150+ DSA problems on LeetCode
- Java: NPTEL-certified (Elite) | Strong grasp of OOP fundamentals

Web Development

- Proficient in HTML, CSS, JavaScript
- Built a functional e-commerce site as part of a CIT Studio internship

Artificial Intelligence & Machine Learning

- Currently learning AI/ML fundamentals via QCP Academy
- Developed a face emotion recognition model

Cybersecurity

- Completed Advanced Cybersecurity Training via Cisco NetAcad
- Familiar with threat identification, secure practices, and basic cryptography

Networking

- Solid foundation in networking principles from Cisco NetAcad courses
 - Knowledge of IP addressing, subnetting, and basic network architecture
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PROJECTS

CopBotChatbox – AI-Powered Legal Assistant

Designed and implemented a conversational chatbot platform to guide users through legal procedures and police-related queries. The system provides real-time answers about FIR filing, IPC sections, emergency contacts, and citizen rights. It integrates structured datasets and delivers user-friendly responses through a modular Flask backend and a clean UI. Aimed at increasing public legal awareness, especially for those with limited legal knowledge.

(Python, Flask, Flask-UI, Streamlit, SQLite, LangChain (LLM), RAG (Retrieval-Augmented Generation), HTML, Jinja2, RESTful APIs, Git)

Face Emotion Recognition System

Developed a machine learning-based application capable of detecting and classifying facial emotions such as happy, sad, angry, and surprised from real-time webcam input or static images. Utilized computer vision to extract facial features and trained a classifier for emotion prediction. The project can be extended into education, customer experience, or mental health monitoring applications.

(Python, OpenCV, TensorFlow, Keras, Dlib, Scikit-learn, CNN, NumPy, Pandas, SQLite, Git)

ShEconomics – Financial Empowerment App for Women (Prototype)

Built a prototype app to empower women with financial literacy and investment tools. It includes expense tracking, budgeting features, and early-stage investment advice. A planned AI module will analyze spending habits and suggest personalized financial growth strategies. The app was created to provide a safe, accessible space for women to gain financial independence and confidence.

(Python, Streamlit, SQLite3, HTML, CSS, JavaScript, Bootstrap, Git)

E-commerce Website

Created a fully functional e-commerce platform featuring dynamic product listings, a shopping cart, and responsive design. This project showcased front-end development capabilities and attention to UX, enabling smooth interaction across devices. It was built as part of a web development internship to demonstrate real-world web application skills.

(HTML, CSS, JavaScript)

EXPERIENCES

HostCircle IT Solutions Pvt Ltd | 07/2024 - 08/2024

- Gained hands-on experience with data center infrastructure, learning about server management, cooling systems, power distribution, and network connectivity.
- Acquired practical knowledge of Juniper JunOS, performing network configurations, managing devices, and troubleshooting network issues.
- Developed foundational skills in Python programming, working on automation scripts and data processing tasks.

Cisco | 05/2024 - 07/2024

- Designed and implemented a network system in Cisco Packet Tracer, including routers, switches, and IP addressing for real-world networking scenarios.
- Gained a strong understanding of networking principles, including TCP/IP, subnetting, routing, and switching protocols.
- Developed skills in network configuration, troubleshooting, and managing network traffic effectively.

QCP Academy | 09/2024 - 04/2025

- Acquired a foundational understanding of Artificial Intelligence and Machine Learning, learning key algorithms such as linear regression, decision trees, and k-means clustering.
- Explored core ML concepts including supervised and unsupervised learning, model evaluation techniques, and feature engineering.
- Engaged in real-world applications of ML in domains like natural language processing (NLP) and computer vision, working on small-scale projects.

EDUCATION

- Anna Gem Science Park Matriculation Higher Secondary School (State Board) March 2021 – March 2023
12th Grade: 87.67%
- St. Joseph's Institute of Technology, B.E. in Computer Science and Engineering Aug 2023 – May 2027
CGPA: 9.08

LANGUAGE

English, Urdu (Speaking), Hindi (Speaking), Tamil, Spanish (Speaking)