AREENA AJI

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PROFILE SUMMARY

B.Tech graduate in Computer Science with hands-on experience in machine learning and web development. Recognized for innovative academic projects and technical certifications. A committed learner aiming to grow through real-world challenges and contribute meaningfully to impactful tech solutions.

SKILLS

- **Technical Skills :** Python, SQL, HTML, CSS, familiar with basics of Java and C
- **Core Concepts :** OOP, SDLC, DBMS, OS, DSA
- **Version Control :** Git(basics)
- **Tools :** VS Code, GitHub, Jupyter Notebook, Google Cloud, PowerPoint
- **Soft Skills :** Adaptability, Communication, Teamwork, Analytical Thinking

EDUCATION

Bachelor of Technology in Computer Science and Engineering — May 2025
APJ Abdul Kalam Technological University | Mar Athanasius College of Engineering, Kothamangalam
CGPA : 8.91

Secondary School — June 2021
Central board of secondary education | St.Thomas Public School, Iringole
Percentage : 95.2%

High School — May 2019
Central board of secondary education | St.Thomas Public School, Iringole
Percentage : 98.4%

PROJECTS

- **Fine-tuned Bio_ClinicalBERT for personalized treatment optimization** — Apr 2025
  Trained a Machine Learning model that helps in choosing the person-specific treatment along with predicting the side effects using BERT and Ensemble Learning.
- **Face Emotion Recognition for Visually Impaired People** — Apr 2024
  Developed a transfer learning-based emotion recognition system using OpenCV and Python to assist the visually impaired
- **Hostel Management System** — Dec 2023
  Implemented a web-based application for hostel management using Python and MySQL, enhancing operational efficiency.

CERTIFICATIONS AND INTERNSHIPS

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate — Oct 2025
- Python Full Stack Development Internship – Techmaghi at KSUM, Kochi — June 2024
- Swayam Online Course Certification in Information Security and Cyber Forensics — May 2024
- NPTEL Certification in Cloud Computing – IIT Kharagpur — Oct 2023
- Web Development Internship and Training – Intrainz Institute, India — June 2023

ACHIEVEMENTS

- Best Software Project Award |.hack()2023 - a 36+ hours hackathon organized by IEEE MACE
- 'Facial Emotion Recognition for Visually Impaired People using Transfer Learning' | paper published in IJISRT-Volume 9, Issue 5

POSITION OF RESPONSIBILITY

- Google Developer Student Clubs MACE | Programme Committee — 2023-24
- Takshak'23 | Marketing Team — 2023-24
- HultPrize MACE | Class Head — 2023-24
- Sanskriti'25 | Informal Events Lead — 2024-25

LANGUAGES

- English │ Full Professional Proficiency
- Hindi │ Professional Working Proficiency
- Malayalam │ Native or Bilingual Proficiency