

Mohd Umair Lari

umairlari0786@gmail.com — [+91 63881-83436](tel:+916388183436) [+91 99566-75648](tel:+919956675648)
[LinkedIn](#) — [GitHub](#)



Education

B.Tech in Computer Science (AI & ML) : CGPA - 8.32 2023 - 2027.
MAKAUT (Maulana Abdul Kalam Azad University of Technology), Kolkata, India
High School – Methodist High School Completed 2023

Technical Skills

Languages: Python, Intermediate Java, HTML-CSS-JS, SQL, Bash.
Developer Tools: Git & GitHub, Jupyter, MATLAB, Google Cloud Platform (GCP), MySQL, Apache, Bootstrap
Key GCP Services: VM mapping, BigQuery, Cloud Functions, VertexAI workbench, CI/CD Pipelines.
AI/ML-Frameworks: MERP(Full Stack), sci-kit learn, TensorFlow, OpenClaw, LangChain (basic).
Software Concepts: API Development, CORS handling, RAG Pipelines, AI-Integration (Agentic), Software Development Life Cycle (SDLC), Version Control, Unit Testing, Object-Oriented Programming, Database Management System, Data Structures & Algorithms.
Spoken Languages: **German** (CEFR A2) appearing for B1, **French** (CEFR A1), English (Full Proficiency).

Work Experience

Data Analyst Intern — Ozibook Fintech (Bangaluru) Apr 2024 – Jun 2024

- Worked Hands on the core Functional project of Analysis on the data of Personal Coaches, developed real solutions for increased redundancy tenures of clients.
- Developed internal Python-based applications to process and validate large-scale financial datasets for 3 clients, improving data accuracy by 38% and reducing manual processing and environment provisioning time for CI/CD.
- Engineered and maintained automated data pipelines using Python and Pandas, leading a team of 4 interns in the development and deployment process. *ICC & LOR*

Projects

FinPass AI-Powered Financial Planning & Investment Optimization Platform [GitHub Repo](#)

- Developed and deployed an AI-Assisted FullStack application with multiple RESTful APIs, FastAPI & Flask, MongoDB to deliver personalized onboarding, portfolio analytics, and investment guidance..
- Implemented CORS handling and cross-origin API communication between the frontend(Vercel) and the backend service hosted on Cloud Space (HuggingFace).
- Implemented secure authentication, RAG responses with conversation memory, and deployment-ready backend/frontend integration for 1,000-run Monte Carlo goal simulations, and risk-based asset allocation to generate data-driven recommendations.

Serverless AI-Powered API on Google Cloud Platform [GCP Console](#)

- Designed and deployed the above-mentioned web app on **Cloud Run** of the GCP for the python based backend as well as the frontend managed by the **Docker**.
- Integrated Large Language Model (LLM) Google's Generative AI ([google.generativeai](#)) via **Vertex AI** and various pre-trained APIs exposing functionality through a RESTful endpoint and leveraging **BigQuery ML** for data ingestion.

Research Publications

- Babul P. Tewari, **Umair Lari**, Poulomi Mukherjee, “An Edge-Native Machine Learning Framework for Proactive IoT Network Security”, IEEE Madhya Pradesh Section Conference (MPCON 2026), 14th-15th March, 2026. [IEEE](#)
- **Umair Lari**, Poulomi Mukherjee, Babul P. Tewari, “Malware Detection in IoT : Machine Learning based Solution”, In Book: Securing the Internet of Things: Machine Learning and Beyond, Springer, accepted and to appear, 2026

Certifications & Achievements

- **LeetCode** : 300+ submissions and top 15% in Biweekly Contests with 50 days & 100 days badges earned. [Profile](#)
- **Google Cloud Arcade Skill Badges** : Earned multiple badges by completing hands-on labs in cloud infrastructure and data engineering challenges, Dec 2023. [Public Profile](#)
- **Cybersecurity Foundation (Micro-degree)** : Coursera, Apr 2024. [Certificate](#)
- **Python WebDev and Cloud** : Microsoft, Feb 2024. [Certificate](#).