

MEHREEN MUNSIF ALI

Karachi | +92 331 2408036 | LinkedIn: <https://www.linkedin.com/in/mehreenmunsifali/>

Email: mehreen.munsif.ali@gmail.com

PROFESSIONAL SUMMARY

Dynamic and detail-oriented Machine Learning Enthusiast with a background in financial asset management and product development. Skilled in Python, database management, and API integration, with practical experience developing machine learning applications. Demonstrated ability to leverage analytical skills and technical knowledge in diverse programming environments to deliver impactful solutions. Actively seeking a position in Machine Learning to apply and further develop my skills in a challenging and innovative environment.

PROFESSIONAL EXPERIENCE

Intern, Product Development Department

TPS Worldwide | Mar 2024 – Jun 2024

Technologies Used and Familiarized With: Python, Supabase, MySQL, Redis, Linux, REST API, FAST API, OpenAI Specification, Swagger Tools, Docker, MySQL Database, OpenAI, LangChain, FAAS, focusing on the practical application of these technologies in machine learning projects.

Project Overview:

- Contributed significantly to the development of a sophisticated machine learning-based application.
- The application leveraged the ActivityWatch API and LangChain framework to effectively monitor and categorize user activities into Communication, Coding, and Research.

Responsibilities:

- Implemented the factory design pattern to seamlessly integrate multiple databases (Supabase, Redis, MySQL), thereby enhancing the application's flexibility and scalability.
- Utilized setup tools to build and package the application, ensuring a streamlined deployment process.
- Gained hands-on experience with various technologies, including Linux, REST API, FAST API, OpenAI Specification, Swagger Tools, Docker, MySQL Database, OpenAI, LangChain, and FAAS, focusing on their practical applications in machine learning projects.

Fixed Income Fund Manager

BMA Asset Management Company Ltd. / Mar 2019 – Dec 2019

- Managed fixed income portfolios, analyzing market trends and optimizing investment strategies.
- Conducted detailed financial analysis to inform investment decisions and enhance portfolio performance.

Assistant Manager

BMA Capital Management Ltd. / Mar 2015 – Mar 2019

- Managed foreign exchange transactions and provided market insights to clients.

- Managed client accounts, ensuring timely and accurate execution of financial transactions.

Foreign Exchange Dealer

Arif Habib Ltd. / May 2015 – Mar 2015

- Executed foreign exchange transactions and provided market insights to clients.
- Monitored currency trends and advised clients on foreign exchange strategies.

CERTIFICATIONS

- **Cloud Applied Generative AI Engineer (GenEng)** | Feb 2024 – Present | GIAIC
- **Blockchain Development Bootcamp** | Feb 2023 – Jul 2023 | Institute of Emerging Careers
- **Ethereum Blockchain Developer Bootcamp with Solidity** | Jul 2023 | Udemy
- **Data Structures and Algorithms** | Present | Apna College

EDUCATION

Master of Public Administration

University of Karachi | 2012 - 2014

SKILLS

Programming Languages: Python, JavaScript, HTML, CSS

Frameworks/Tools: Linux, Docker, REST API, FAST API, Web3

Databases: MySQL, Redis, Supabase

Other: Machine Learning, API Integration, Problem Solving, Continuous Learning

PROFESSIONAL DEVELOPMENT

- Developed a machine learning-based application using Python and various databases.
- Built smart contracts using Solidity and Web3.
- Participated in the Blockchain Development Bootcamp, focusing on Ethereum blockchain.
- Attended workshops on machine learning and blockchain technology.
- Completed online courses in advanced Python programming and data analysis.

LANGUAGES

Languages: Fluent in English and Urdu

[GitHub Link](#)