

Taimoor Shafique

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EDUCATION

COMSATS University Islamabad (CUI), Islamabad Campus

Feb 2021 – Present

Bachelor of Science in Artificial Intelligence (BS-AI)

Relevant Coursework:

- Mathematics: Linear Algebra, Calculus, Statistics, Differential Equations
- Core Topics: Machine Learning, Neural Networks, Natural Language Processing, Computer Vision, Deep Learning
- Core Algorithms: Data Structures, Object Oriented Programming

WORK EXPERIENCE

Solana and EVM Developer

Nov 2022 – Aug 2024

Freelance development, Upwork

- Gained hands-on experience with building Foundry, ethers-rs, solana-sdk in rust.
- Worked in Freelance on multiple EVM and Solana projects.

Blockchain Developer [Link](#)

Jul 2024 – Dec 2024

Monumental AS, Dubai(Remote) : Rust, AWS, Redis

- Built the Solana smart contracts for the chatting Application using Zero Knowledge proofs utilizing light-protocol and used Anchor CPIs for minimal costing account Initializations
- Worked on Rust Integrations, AWS instances and lambda functions
- Collaborated with flutter developers to develop scalable solutions for group chatting Application.

PROJECTS

PolicyAssist Hub (PAH) - Final Year Project

Apr 2024 – Nov 2024

Technologies: Next.js, FastAPI, MongoDB, Pinecone

- Developed a platform to modernize policy communication systems with AI chatbots for document-based queries.
- Integrated Retrieval-Augmented Generation (RAG) using Large Language Models (LLMs) to enhance communication accuracy.
- Implemented a secure document management system and a feedback module for user complaints and suggestions.
- Deployed the application on Hetzner Cloud with CI/CD pipelines for scalability and reliability.

Real-Time Face Recognition

Dec 2023

Technologies: OpenCV, Python

- Built a real-time face recognition system using LBPHFaceRecognizer to identify individuals from live video streams.
- Curated a diverse dataset with varied expressions and lighting to train and optimize the recognition model.
- Integrated the model with webcam feeds to display real-time identification and labeling.

Bundler Space [Link](#)

Nov 2023 – Jul 2024

Technologies: Next.js, Rust, AWS

- Created a Solana bundler for bundling transactions on Raydium, Pumpfun and Meteora
- Designed a responsive frontend using Next.js and Tailwind CSS for seamless user interactions.
- Developed backend services with Rust, integrating Jito, Pinata and various SDKs for smooth interactions.
- Established CI/CD pipelines with GitHub Actions for efficient deployment on Vercel and Latitude.

Solana Telegram Bot

Feb 2024 - Aug 2024

Technologies: Rust, Next.js, DynamoDB

- Created a telegram sniper and wallet tracker bot for copy trading utilizing geysers.
- Built a Solana buying bot that would listen to the GRPC and decode the data to snipe desired pools.
- Processed and visualized data using TradingView Charts to visualize data.

Corn - Yield Earning Platform [Link](#)

Jan 2024 – Present

Technologies: Next.js, Rust, Anchor, Metaplex

- Developed a Vault mechanism and bonding curve for Launch of fund-raising tokens
- Integrated Deep-seek V3 to deploy websites for projects with custom pipelines.
- Integrated Trading view Widgets and Jupiter APIs for price visualizations.

SKILLS

Languages:	Python, Rust, C++, C#, TypeScript, React
Frameworks/Libraries:	Actix-web, tokio, Anchor, TensorFlow, PyTorch, scikit-learn, OpenCV, FastAPI, Next.js, Tailwind CSS
Databases:	MySQL, PostgreSQL, MongoDB, AWS, Supabase
Tools:	Git, Docker, GitHub Actions, CI/CD, Jupyter Notebooks
AI/ML:	Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Data Mining, Data Visualization