

# Muhammad Ammar Robbani

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🌐 [Muhammad Ammar Robbani](#)

## Experiences

### Software Engineer — Manexus

May 2024 - Present

At Manexus, I oversaw the Tenzro product, focusing on the digital asset marketplace, and the Kolektiva product, which is centered on the Real-World Asset (RWA) properties marketplace.

- Designed and maintained backend systems and APIs to support all projects, ensuring scalability and performance.
- Designed and built an interactive playground showcasing AI capabilities like image generation and analysis.
- Optimized systems for handling image and text data, improving semantic search functionality.
- Developed smart contracts to manage the properties marketplace.

Tech Stack: Typescript, Nest.js, Thirdweb, PostgreSQL, Langchain, Pinecone, OpenAI, Foundry, Solidity, Viem

### Software Engineer — Feedloop

Sep 2021 - Feb 2024

At Feedloop, I oversaw the CXP (Customer Experience Platform) product, focusing on customer event tracking, analytics, and marketing campaigns.

- Developed and enhanced analytics features, including Trend Analysis, RFM Modeling, and User Path Analysis.
- Delivered client-requested features: device uninstallation tracking, PII masking, lead management tools, and more.
- Streamlined custom event tracking with a CSV import system and segmentation-based remove/restore functionality.
- Designed and implemented a multi-workspace framework for improved platform versatility.
- Maintained product services to ensure consistent functionality and optimized data flows for key features.

Tech Stack: Typescript, Express, Cron, GraphQL, Kubernetes, Docker, PostgreSQL, Clickhouse

## Achievements

### Winner & Finalist — Ethena Hackaton

Dec 2024

Awarded for Crediflex, an undercollateralized lending protocol leveraging on-chain activity-based credit scoring

- Winner: Most Innovative Use of sUSDe Rewards.
- Finalist: Best Overall Application..

### 2nd Place Winner, Real World Assets Track — ETH SEA

Aug 2024

Awarded for proposing Kolektiva, a tokenized property solution enabling fractional ownership.

### 2nd Place Winner, EVM Category — ICP Chain Fusion Hacker House

Aug 2024

Awarded for proposing Satsouk, an AI-driven prediction market for trend voting.

## Education

### Cyfrin Updraft

Nov 2023 - Jan 2024

Smart Contract Solidity Developer Course Learn Smart Contracts, Solidity, Oracle, Foundry

### Institut Teknologi Bandung — Bandung, Indonesia

Aug 2016 - Dec 2020

Bachelor of Engineering in Information System And Technology

## Projects

**Rekt-AI** – An AI-driven prediction market where users compete against AI in gamified forecasting tournaments, with AI evolving based on user-generated insights.

Tech Stack: Coinbase SDK, AgentKit, Langchain, The Graph, Binance,, Next.js, RainbowKit, Wagmi, Viem, Next.js, Typescript, Express, Foundry

**LiquidBook Stylus** – A fully on-chain CLOB (Central Limit Order Book) DEX implementing an efficient decentralized orderbook system

Tech Stack: Next.js, RainbowKit, Wagmi, Viem, Arbitrum Stylus, Rust, Ponder

**Crediflex** – An undercollateralized lending protocol leveraging on-chain activity-based credit scoring to enable users to borrow assets beyond their collateralized amount.

Tech Stack: Next.js, Chainlink, RainbowKit, Wagmi, Viem, Express, Foundry, TypeScript, Eigenlayer AVS, Goldrush, Reclaim

**D-Auction App** – A decentralized auction platform enabling transparent NFT auctions. Users can seamlessly create auctions, bid, and claim NFT ownership.

Tech Stack: Next.js, Scaffold-ETH 2, RainbowKit, Wagmi, Viem, Alchemy, Foundry and Typescript

## Skills

TypeScript, JavaScript, Solidity, Next.js, Nest.js, React, Express, Foundry, EVM Integrations, Ethers.js, Viem, SQL, Subgraph