# WALID MEMON | Frontend & Blockchain Developer

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## 💼 PROFESSIONAL EXPERIENCE

### Software Engineer (Frontend) - *(React, React Native, Supabase)*
**Vizual Travel**

📅 Apr. 2025 – Present          ⚲ Quebec, Canada

- Built **VizualTravel** - a travel app with trip visualization, **AI trip recommendations**, **GeoFencing** notifications, and offline capabilities.
- Developed premium features: attachment support, progress tracking, automated trip plotting using AI on **Mapbox** maps.
- Managed full deployment pipeline with **Apple/Google Pay**, **RevenueCat**, and **TypeScript edge functions**.

### Software Engineer (FullStack) - *(Typescript, React, Web3)*
**Vai**

📅 Jan. 2024 – Dec. 2024          ⚲ Dubai, UAE

- Built scalable **react based** web apps optimized for deployment to **CloudFront/S3**, reducing AWS costs significantly.
- Set frontend **framework standard** improving development efficiency by 3 weeks per project.
- Developed a launchpad supporting EVM and SVM, enabling ICO participation across ecosystems. Used GraphQL for smart contract interactions - **Rampstarter**.
- Integrated **Grafana** with cloud infrastructure for real-time monitoring, reducing downtime.

### Software Engineer (Frontend) - *(React Native , React.js , Solidity, Web3)*
**Pop Social**

📅 Dec. 2022 – Jun. 2024          ⚲ Dubai, UAE

- Built decentralized SocialFi App with 100k+ downloads - **Pop**.
- Built RN **wallet-login module** linking wallet & user with Name Service (ENS-like) and NFT profile pics for unique on-chain identity.
- Built **Reward & Referral System** with PPT token claiming, referral rewards, and token campaigns for user growth.
- Built on-chain **NFT marketplace** in Solidity with subgraph indexing supporting Auctions + Direct Buy/Sell.
- Implemented **Push Notifications** using Amazon SNS and **Google Analytics** with custom events.

### Software Engineer (Frontend) - *(React, Solidity)*
**Crypto Monkz**

📅 Oct 2022 – Feb. 2023          ⚲ Remote, California

- Developed **NFT Marketplace** with swapping and burning functionality.
- Re-wrote entire frontend from jQuery to TypeScript React and created core APIs.

### Software Engineer - *(React, WordPress, AWS)*
**Talysis Education**

📅 May 2022 – Mar. 2023          ⚲ Dubai, UAE

- Led development of **AI system TEAL** for tracking student emotions and learning progress.
- Initiated **digitalization** of UAE schools with Moodle and developed gamified **Quran app**.

## </> TECHNICAL SKILLS

**React.js/Native | TypeScript | Solidity | Node.js**

*Core Technologies:*

- **Frontend:** Next.js, Solidjs, Three.js, Expo, Redux, React Query, GraphQL, ChartJS, Vite, Swift, Kotlin, AstroJS, Webflow, Framer, wordpress.
- **Blockchain:** Solidity, Foundry, Hardhat, Ethers.js, Subgraphs.
- **Backend:** Node.js, Go, Firebase, Supabase, Python, MySQL, PostgreSQL, Stripe, Revenue cat.
- **Tools:** Git, Docker, Figma, Tailwind CSS, AWS EC2, Postman, Bitbucket, Gitlab, jest, chai.

## ◉ OPEN SOURCE

**Native Motion - React Native** ⬈

- Author of **NativeMotion** - production-ready React Native components library.

## 💻 PROJECTS

**MineDash** ⬈

- Crypto mining dashboard with real-time data, interactive charts, and responsive UI using SolidJS, TypeScript, Vite, Tailwind, and TanStack Query.

**Raffle Lottery** ⬈

- Decentralized lottery system on Ethereum using Chainlink VRF and Next.js.

**Telegram Auto Parts Bot** ⬈

- Global marketplace connecting auto parts buyers with sellers using python via Telegram bot.

**Flight Simulator** ⬈

- Built and deployed flight simulator for GEMS School AUH.

## 🎓 EDUCATION

### Bachelor of Computer Science
Cybersecurity Forensics

**Murdoch University**

📅 2018 - 2021

## 🏆 ACHIEVEMENTS

**Hackathons**

- UAE Hackathon
- BCG Hackathon
- Sheera Bootcamp

**Courses**

- CS-50 Harvard
- Smart Contracts FCC
- React Certification