MOHAMMED ODEH

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moe-odeh moeodeh3

LANGUAGES: JavaScript/TypeScript, Python, Java, SQL, HTML, CSS, C, Golang
FRAMEWORKS: React, Flask, Node.js, PyTorch, Tensorflow, Pandas, NumPy, Tailwind, Vite
TOOLS: GCP, Git, AWS, Docker, PostgreSQL, Figma, Graphql

EDUCATION

University of Windsor Sept. 2022 - Apr. 2026
BSc Computer Science (Software Engineering Specialization) Co-op

EXPERIENCE

Nest Wallet San Francisco, CA
Fullstack Engineer Intern Jan. 2024 - Aug. 2024

- Integrated real-time on-chain trade data, streaming it to the frontend via **WebSocket** connections, enabling live updates and data visualization similar to Dex Screener
- Built a Quest System using **React** and **Golang** that included crypto-related quests enhancing user engagement
- Added a Security Report system for Solana and Ethereum tokens, calculating a risk score based on flagged risks and displaying key metrics such as top holders and token liquidity
- Developed a Promo Code system for users, enabling blockchain-specific discounts and XP rewards
- Desgined a Referral Rewards Portal for mobile and web, implementing real-time calculations of referral earnings based on trade volume
- Added OAuth authentication for Twitter and Discord

Oranda AI Windsor, ON
Software Developer Intern Dec. 2022 - Apr. 2023

- Led development on the back-end infrastructure for an innovative **AI-driven art platform**, using PyTorch, FastAPI, **GCP**, and **PostgreSQL**
- Reduced inference cost by 40**%** for a proprietary Stable Diffusion model by transitioning to serverless GPU hosting
- Developed an innovative legal tool that transformed the process of navigating PDF documents into a seamless, AI-enhanced experience for a prominent real estate firm

PROJECTS

VisionSelfCheckout

- Designed and implemented a **self-checkout** system, utilizing computer vision for object detection and recognition, featuring a React front-end, Python-based backend incorporating a custom YOLOv8 model, and a PostgreSQL database

ClockIn

- Developed a full-stack application for a fingerprint recognition **clock-in** system, incorporating a React front-end, Python-based backend using FastAPI, and a GCP-stored database, accompanied by an admin panel facilitating user management