Ahmed Ghait

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LinkedIn | GitHub | Website | Blog

ABOUT ME:

I take extreme ownership of the problem I am working on. My dedication to quality and meticulous attention to detail enables me to produce work of exceptional standard.

Recommendations:

- **Andrii Zaichenko**, Product Manager at Panther Protocol, wrote a comprehensive two-page recommendation regarding my work at the company (ref).
- "[Ahmed] has a great work ethic and will go the extra mile to see the work done even in challenging circumstances." — **Reuben Yap**, Founder of Firo.
- "Your versatility in both front-end and back-end development has been a game-changer for EMURGO Fintech." — **Vineeth Bhuvanagiri**, Managing Director at EMURGO Fintech (ref)
- "[Ahmed] was reliable, autonomous, and handled complex technical tasks with a high level of quality" — **Haïdar Deenmahomed**, Blockchain Lead at The Risk Protocol.

PROFESSIONAL EXPERIENCE:

Full Stack Web3 Developer | Panther Protocol

England, United Kingdom (Remote) | Nov 2022 - Present

Joined during a critical development phase to integrate zero-knowledge smart contracts and Circom-based ZK circuits into the dApp, rapidly becoming a key contributor to the core product infrastructure within weeks of onboarding.

Key Achievements & Responsibilities:
- Integrated complex zero-knowledge smart contracts and ZK circuits (written in Circom DSL) into the production dApp, ensuring seamless interaction between frontend, backend, and privacy-preserving cryptographic protocols.
- Collaborated intensively with the tech lead to deliver the Miner Client—a critical protocol component—within just 3 days to meet an aggressive deadline.
- Contributed to technical architecture discussions, proposing scalable solutions for protocol infrastructure and collaborating on critical system design decisions (Public record meeting).
- Handled the entire production trusted setup ceremony.

Full Stack Developer | EMURGO

North Carolina, United States | Apr 2021 - May 2024

Delivered full-stack development across EMURGO Fintech's platform, collaborating closely with design, product, tech, and QA teams to extend platform capabilities and maintain critical infrastructure for the Cardano ecosystem.

Key Achievements & Responsibilities:

- Developed and maintained the **dApp Connector**, enabling Cardano developers to build decentralized applications that interact with the Cardano blockchain through the Yoroi wallet Chrome extension.
- Maintained and enhanced **open-source packages** utilized by the Cardano community and internal development teams, ensuring reliability and compatibility across the ecosystem.
- Developed features spanning both frontend and backend systems, contributing to platform scalability and functionality for the broader Cardano developer community.
- Awarded **Duo-Coder Virtuoso** in recognition of exceptional versatility in full-stack development and proven track record of technical excellence in extending platform capabilities.
- Collaborated cross-functionally to deliver high-quality solutions that met both technical requirements and business objectives.

Open Source Developer (Co-Maintainer) | Synthetix - Synpress

Sydney, NSW (Remote) | Feb 2023 - Jul 2023

Co-maintained Synpress, an end-to-end testing framework for Web3 applications, after identifying and resolving critical setup issues while evaluating the framework for Panther Protocol. Contributed a pull request with comprehensive fixes that led to an invitation from the original maintainer to join as a co-maintainer.

Key Achievements & Responsibilities:
- Authored complete technical documentation from scratch, launching docs.synpress.io to improve developer onboarding and reduce setup friction.
- Migrated the entire codebase from JavaScript to TypeScript, improving type safety and developer experience across the framework.
- Optimized package distribution by reducing bundle size and implementing headless browser support for CI/CD environments.
- Maintained the project through feature development, issue triage, pull request reviews, code refactoring, and test coverage improvements.
- Engaged with the open-source community to support developers integrating Synpress into their Web3 testing workflows.

SKILLS:

- Rust, Python, JavaScript/Typescript/NodeJS.
- Blockchain, Web3, Ethers, Wagmi, dApps.
- Zero Knowledge Proofs (ZKPS), UTXO model.
- React/NextJS (and its ecosystem).
- RestfulAPI (ExpressJS).
- SQL (PostgreSQL, MySQL).
- NoSQL (MongoDB).
- Caching (Redis).
- Docker.
- Cloud (Digital Ocean).
- Testing (Cypress, Jest).
- Linux, Git, Bash, Vim.
- CI/CD.
- Networking (Nginx).