Gharsa Amin

Software Engineer

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PROFILE: With over three years of experience in compliance and trading within the blockchain and Fintech space, I identified a significant gap in the tools and knowledge that connect compliance, trading, security and innovation. This realization motivated me to pursue a career in software engineering where I can contribute to the evolution of Fintech and blockchain technologies by developing human-centric software that tackles complex, large-scale problems.

SKILLS

Development: HTML, SASS, CSS, Tailwind CSS, Bootstrap, Javascript, Angular, TypeScript, Tailwind CSS, React.JS, JWT, Node.js, MySQL, Agile Development, Jest, WordPress, Axios, Postman, Express.js, RESTful API, Object-Oriented Programming, Data Analysis, CI/CD pipeline, .net

Dev Ops: VS Code, Git, Linux, Adobe Creative, AWS, Azure, Netlify, Heroku, Jira, Slack, Zoom, One Drive, Canva, Figma, Jupyter

PROJECTS

Web Developer (Full-Stack)
FEB 2025, HACKATHON PROJECT, TORONTO LOVES LOCAL

- Built a CRUD application using Cheerio, TypeScript, and Node.js to create a directory of top local fashion options with a back-end data management
- Utilized wordpress and PHP for designing the website
- Worked with senior designers, product managers, and senior software engineers

Web Developer (Full-Stack)
DEC 2024 - JAN 2025, CAPSTONE PROJECT - BRAINSTATION

- Developed secure user-authentication with bcrypt and JWTs stored in HTPPs
- Deployed a full-stack, mobile-first crypto-trading platform featuring real-time trading, a blockchain with proof-of-existence, and Rust for secure transactions
- Integrated complex external REST APIs with React, Node.js, Express.js, MySQL, and Chart.js, incorporating dynamic routing for enhanced functionality

Web Developer (Full-Stack)
NOV 2024 -BRAINSTATION PROJECT - INSTOCK

- Designed a custom RESTful API for core CRUD operations, focusing on inventory upload, add/delete functionalities, and search features
- Responsible for both front-end and back-end tasks
- Collaborated with a team of three using Jira to manage and deliver a warehouse stock management system using React, Node, Express, and MySQL.

EDUCATION

BrainStation | Diploma, Software Engineering
SEP 2024 - JAN 2025, Toronto, CA

Middlebury Institute of International Studies | MPA
MAY 2019 - MAY 2021, Monterey, USA

EXPERIENCE

Institutional Sales Trader | Amber Group
MAY 2024 - OCT 2024, Vancouver, CA

- Executed algorithmic and OTC trades, leveraging market analysis and client collaboration to optimize trading strategies

Compliance Analyst | DC Bank
SEP 2023 - MARCH 2024, Toronto, CA

- Filed an STR with 50k+ transactions using FINTRAC's batch filing system, utilizing attention to detail and compliance knowledge to report suspicion
- Supported a complex fraud investigation, helping uncover key patterns and ensuring adherence to regulatory standards

Compliance Analyst | Coinberry (WonderFi)
NOV 2022 - JULY 2023, Toronto, CA

- Conducted investigations to determine RGS for 120+ STR cases, filing 80 STRs
- Utilized advanced screening tools to investigate alerts, minimizing risk and enhancing the organization's anti-money laundering policy