

# Gharsa Amin

Software Engineer

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**PORTFOLIO WEBPAGE:**  
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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 tools and knowledge that effectively connect compliance, trading, security, and innovation. This realization motivated me to pursue a career in software engineering. I love coding. Please, take a moment to visit my Portfolio website which has detailed descriptions of the projects.

## 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, Data Visualization, Tableau

**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 HTTPs.
- Deployed a full-stack, mobile-first crypto-trading platform featuring real-time trading, a blockchain with proof-of-existence, and **Rust** for secure transaction recording.
- 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 simultaneously working on 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, resulting in enhanced client satisfaction and improved trade performance.

### 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. This proactive submission 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, utilizing advanced screening tools to investigate alerts which contributed to minimizing risk enhancing the organization's anti-money laundering policy.