Suhaib Aden

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EDUCATION

Northwestern University — Grad: May 2028
Bachelor of Science in Computer Science and Math (**GPA: 3.6/4.0**) — Evanston, IL

Relevant Coursework: Deep Learning (Grad), Data Structures and Algorithms, OS, ML, Probability, Computer Systems, Graph Theory, Stochastic Calculus

Clubs/Awards: Treasurer/Media Manager of National Society of Black Engineers, Member of Delta Sigma Pi, Member of ColorStack, 2nd Place International Youth Economics Initiative

EXPERIENCE

Jane Street — Jun - Aug 2024
AMP — New York, NY

* Selected from over **5,000+ applicants** for a 5-week intensive program in trading, programming, and math.
* Solved mathematical challenges with Jane Street traders, IMO math coaches, and university professors.
* Developed and tested trading strategies using probabilistic models and statistical analysis.

Wise Home Healthcare — Jun 2025 - Aug 2025
Software Engineering Intern — Minneapolis, MN

* Engineered automated data flows from EVV logs to **Pavillio**, cutting billing delays by over **70%**.
* Built secure **Python** scripts to validate and transmit service data into **Pavillio**'s backend systems.
* Integrated SFTP-based pipelines with **Pavillio** APIs to eliminate manual entry for visit authorizations.
* Architected fault-tolerant **ETL pipeline** for **Pavillio**, enabling real-time claims across Minnesota.

EcoEats — Oct 2022 - Now
Founder/Software Developer — Shoreview, MN

* Developed an AI-powered OS for logistics, integrating ERP, WMS, and TMS data into a single dashboard.
* Designed **FastAPI** microservices deployed via **Docker**, enabling sync of 10K+ SKUs across systems.
* Implemented AI workflows for invoice matching, predictive reordering, and optimal carrier selection.

PROJECTS

Personal Finance App | *JavaScript, TypeScript, PostgreSQL, GROQ, Node.js, React, Teller* — Jun 2025
* Created a budgeting and account aggregation app using PostgreSQL, GROQ, Node.js, and React.
* Integrated Teller API and WebSockets for real-time transaction syncing and user dashboards.
* Designed secure RESTful routes and optimized schemas for multi-account financial data queries.

AI GitHub PR Reviewer | *FastAPI, Python, OpenAI API, GitHub Webhooks, httpx, Docker* — Jul 2025
* Built a GPT-4 code review bot that posts inline comments on GitHub pull requests using webhooks.
* Used FastAPI, httpx, and Docker to handle GitHub events and query OpenAI with structured prompts.
* Deployed to Render and tested PR workflows locally using ngrok and secure environment configs.

DevLog Radar | *FastAPI, PostgreSQL, GitHub API, LeetCode API, OpenAI, Docker* — Jul 2025
* Built an AI tool that compiles GitHub and LeetCode activity into intelligent daily developer logs.
* Used FastAPI and cron jobs to fetch commits and submissions, then tag and group them by category.
* Queried OpenAI to summarize daily contributions and generate async-ready updates for engineering teams.

Electronic Trading Bot | *Python* — Jul 2024
* Created a quantitative trading algorithm to buy and sell commodities against other trading algorithms.
* Achieved **3rd place out of 50 teams**, earning over **10 million** dollars in estimated PnL.

SKILLS

Languages: Python, JavaScript, TypeScript, C++, Java, SQL
Frameworks: React, Node.js, FastAPI, Flask, Django, Express
Tools: TensorFlow, Pandas, Git, Docker, REST APIs, OpenAI API, NetSuite API, PostgreSQL, MongoDB, GROQ