

Aaron Kim

Boston, MA

(609) 455-3464 | aaronkim2727@gmail.com

Portfolio: <https://aaron-kim.dev> | GitHub: <https://github.com/aaronkim218> | LinkedIn: www.linkedin.com/in/aaron-kim27

Education

Northeastern University, Boston, MA

December 2024

Khoury College of Computer Sciences

Bachelor of Science in Computer Science and Mathematics

Coursework: Software Engineering | Web Development | Algorithms and Data Structures | Object-Oriented Design

Skills

Languages: Go | JavaScript (Node.js, TypeScript) | Python | Java | HTML | CSS | SQL

Frameworks/Libraries: Fiber | Echo | Express | React | React Native | Angular | Expo | Flask | NestJS | Spring Boot | Redux Toolkit

Databases: PostgreSQL | MongoDB | SQLite | MySQL

Tools/Technologies: Google Cloud Platform (GCP) | REST API | WebSockets | Docker | Jenkins | Git | Distributed Systems

Work Experience

Fidelity Investments, Merrimack, NH

January 2025 - Present

Full-stack Associate Software Engineer

- Optimized Java/Spring/Postgres REST API endpoint response times by 80% (1s→200ms), significantly improving user experience.
- Built and maintained reusable Angular components with unit tests for a production web application in an agile environment.

Optum (UnitedHealth Group), Boston, MA

January - July 2024

Software Engineering Co-op

- Deployed a Python/Flask app to GCP Cloud Run that leverages AI to calculate NLP metrics on responses from our Gen AI app.
- Reduced batch metrics compute time by 75% (20min→5 min) through asynchronous programming with asyncio and aiohttp.
- Streamlined communication to stakeholders by building dashboards with Jinja2 and Bokeh, reducing meeting frequency by 50%.

Brooktec, Remote

May - August 2023

Full-stack Software Engineering Co-op

- Created a React/Express app that generates user stories from meeting minutes via OpenAI's, Google Drive's, and Redmine's API.
- Decreased sprint planning meeting durations by 30% with my AI-powered user story generation tool.

Optum (UnitedHealth Group), Boston, MA

September - December 2022

Software Engineering Co-op

- Developed automation scripts for testing the front- and back-end of Optum's commercial payments portal with Java/Selenium.
- Eliminated 15% of the team's manual testing workload by writing over 80 automation scripts.

Campus Experience

Platnm (Northeastern Generate Product Development), Boston, MA

September - December 2024

Full-stack Software Engineer

- Built a music-reviewing app with a Go/Fiber/PostgreSQL REST API and TypeScript/React Native/Expo frontend.
- Led research and technical discussions on OAuth 2.0 best practices, ensuring secure Spotify and Apple Music API integrations.
- Mentored 3 fellow university students in designing and building scalable, high-performance RESTful services.

Voxeti (Northeastern Generate Product Development), Boston, MA

September - December 2023

Full-stack Software Engineer

- Built a marketplace web app for 3D printing services with a Go/Echo/MongoDB REST API and TypeScript/React frontend.
- Collaborated with 5 engineers to adapt to evolving project requirements while consistently meeting deadlines.

Project Experience

Go-Chat

May - August 2025

- Developed a real-time chat-room app with a Go/Fiber/PostgreSQL REST API and TypeScript/React frontend.
- Leveraged Go concurrency patterns such as worker pool, pipeline, and context cancellation to optimize performance.
- Focused on robust API design with JWT-based authentication, idempotent endpoints, and server- and client-side caching.

Husky-Connect

October - December 2024

- Developed a Stack Overflow clone with a Node.js/Express/MongoDB REST API and TypeScript/React frontend.
- Implemented session-based authentication with express-session, and real-time chat and notifications with socket.io.