# Aima Alakhume

## Software Engineer

- New York, New York
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## Skills

**Programming Languages**
Python, JavaScript, C, C++, Swift, TypeScript

**Full Stack Development**
Node.js, Express.js, MongoDB, Flask, MySQL, ReactJS, HTML5/CSS3, REST APIs

**DevOps**
Linux OS, Docker, Bash, GitHub Actions, unit testing, CI/CD, Tableau

**Developer Tools**
Visual Studio Code, Git, GitHub, Squarespace, Axios, Postman, React Dev Tools, Passport.js, Nginx, Prometheus, Grafana, Xcode, Figma, OpenAI

## Certificates

**Google Data Analytics Professional Certificate**
Awarded April 2024

**IIBA Certified Business Analysis Professional**
Issued via Topron Consulting Inc
Awarded June 2024

## Awards

**Dean's List,**
*NYU Tandon School of Engineering*
08/2021

**Victor Ottaviano Scholarship,**
*Association of Energy Engineers*
07/2021

## Languages

**Spanish** — Conversational

**Japanese** — Basic

## Summary of Qualifications

Early career professional with software engineering, web and mobile app development, deployment, and testing expertise. Focused on using technology and gamification for environmental sustainability and equitable access to education. Demonstrated capability in leading initiatives, communicating effectively, and managing projects with great efficiency, both in solo and collaborative contexts.

## Education

**Information Systems, M.S. with a Concentration in Connective Media & Applied Information Sciences, M.S.,** *Cornell Tech*
08/2024 – 05/2026

**Software Engineering Diploma,** *BrainStation*
04/2024 – 07/2024

**Electrical Engineering, B.S.,** *New York University*
09/2019 – 12/2023
*3.44 GPA*

## Experience

**Head of Enterprise Technology,** *Ignite Church NYC*
10/2023 – present
- Optimizing affinity group and event programming through Planning Center ⧉, resulting in a 35% increase in event attendance.
- Managing online course ⧉ content development and delivery (Teachable, HTML/CSS), ensuring 100% participant completion.
- Enhancing website ⧉ accessibility and user experience through JavaScript and Squarespace implementation.

**Production Engineering Fellow,** *Meta x Major League Hacking* ⧉
05/2022 – 08/2022
- Completed an intensive 12-week production engineering program at Meta, including mentorship from experienced engineers.
- Built open-source web app for interactive portfolio templates using Python, Flask, Jinja, MySQL, Docker, and Nginx.
- Implemented automated testing and CI/CD pipelines with GitHub Actions.
- Set up system monitoring and alerting with Prometheus and Grafana for proactive issue detection.

## Technical Projects

**Sustainable Steps (Capstone) - BrainStation,** *Full Stack Developer* ⧉
07/2024 – 07/2024
- Developed a React/Node/MySQL web application designed to empower users to adopt sustainable practices via a waste sorting guide and community resources.
- Implemented a gamified reward system to incentivize users as they make progress towards their sustainability goals.

**Beyond the Algorithm (Industry Project) - Google x BrainStation,** *Front End Engineer* ⧉
06/2024 – 06/2024
- Awarded first place in project showcase by Google industry professionals.
- Collaborated with a cross-functional team on designing educational elements within Google Search to promote user understanding of the Gemini AI model.
- Drove the development of intuitive features, including an optional Gemini search button and informative pop-ups, to foster user trust and transparency.

**EcoTails,** *iOS Developer/Project Lead* ⧉
12/2022 – 03/2023
- Developed a Swift-based augmented reality game, incentivizing users to engage with local recycling efforts.
- Led art direction for a team of 4, boosting user engagement by over 60% through an immersive UI design.