

Adewole Adeosun

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Education

Queens College, City University of New York(CUNY) Expected Graduation May. 2026
Bachelors of Science in Computer Science
Relevant Coursework: *Data Structures*,*Algorithms*, *Software Engineering*, *Deep Learning*,*Computer Architecture*

Skills

Languages: *Proficient* Python (2yrs) • C++ (2yrs) • Java (1yrs) *Intermediate* Javascript (1.5yrs) *Beginner* PHP (1yrs) • Typescript (1yrs)
Frameworks & Tools: React, Next.js, Node.js, Express.js, Material UI, MongoDB, Firebase, Git, Bash
Cloud & DevOps: *AWS (Cloud Practitioner Certified)*, Firebase Auth/Firestore, REST APIs, CI/CD (basic)
Software: AWS • GitHub • MongoDB Compass • iOS • VS Code

Experience

Software Engineering Intern Feb. 2023 - Jul. 2023
STEMKASA New York, NY

- Developed full-stack applications using MongoDB, Express.js, React, and Node.js, following industry best practices.
- Built scalable REST APIs with Node.js and Express, improving backend performance and reducing response time by 25%.
- Optimized MongoDB queries and indexing to enhance data retrieval speed and accuracy by 15%.
- Designed and implemented a React-based email subscription system, generating 500+ weekly signups and boosting user engagement.
- Built a user-friendly JavaScript waitlist interface that improved customer onboarding and increased conversion rates.

Software Engineering Fellow Jul. 2024 - Sep. 2024
Headstarter AI New York, NY

- Selected as 1 of 100 fellows from 1,000+ applicants for a full-stack JavaScript fellowship.
- Built a personal portfolio website using React and JavaScript, showcasing projects and technical skills.
- Developed a real-time Pantry Tracker App using Next.js, Firebase, and Material UI, enabling seamless inventory management..
- Explored integrating Next.js, Stripe APIs, and OpenAI models to understand full-stack and AI-powered application workflows.

Projects

VibeFlow App | *Personal Project (~32 hours)* - [Github](#) Oct. 2025 - Dec. 2025

- Developed a full-stack playlist discovery app using React, Node.js, Express, Axios, and the Spotify Web API, enabling users to generate playlists based on mood.
- Built a favorites system with full CRUD (save, delete, edit notes) and state-managed UI, enabling personalized playlist storage and seamless cross-device API interaction.

Haulify Website | *Personal Project (~26 hours)* - [Github](#) Oct. 2025 - Nov. 2025

- Built a responsive moving-services website with postcode checks, modals, form validation, and interactive UI using JavaScript + Bootstrap.
- Added user authentication and connected the contact/quote forms to a backend database, allowing secure access to submitted entries.

Pantry Tracking App | *Headstarter AI (~20 hours)* - [Github](#) Jul. 2024 - Aug. 2024

- Built a real-time pantry tracker using Next.js, React, Firebase, and Material UI, enabling live inventory management and autogenerated timestamps.
- Implemented Firebase authentication, cloud storage, and CRUD functionality with smooth UI components.