

Amaan Ahmed

646-460-7301 | amaan.ahmed@macaulay.cuny.edu | [linkedin.com/in/amaan-ahmed04](https://www.linkedin.com/in/amaan-ahmed04) | github.com/Dothat65 | amaanahmed.com

EDUCATION

Macaulay Honors College at City University of New York New York City, New York
Bachelor of Science in Computer Science *Expected May 2026*

EXPERIENCE

Help Desk Analyst (Part-time) August 2024 – Present
City University of New York – College of Staten Island *New York, NY*

- Delivered technical support to 20+ users daily, achieving a 90% first-contact resolution rate, minimizing operational disruptions.
- Resolved 40+ support tickets weekly, improving system up-time and reducing issue resolution time through rapid troubleshooting and escalation.

Software Engineering Fellow July 2024 – September 2024
HeadStarter AI *New York, NY*

- Led cross-functional engineering teams in Agile environments, overseeing the development and delivery of two AI-powered applications and APIs.
- Decreased bugs and improved code maintainability by fostering a code review and pair programming culture.

Software Engineer Intern February 2024 – April 2024
MNC Development *New York, NY*

- Developed a responsive React front-end for an urban culture media site and integrated Firebase and Node.js back-end, reducing storage costs by over 70% through video compression.
- Contributed to Agile sprints by tracking and completing tasks on time, ensuring smooth project execution.
- Documented technical specifications and system architecture, facilitating on-boarding and maintenance for future developers.

Back-End Developer Intern September 2023 – December 2023
Selective Corporate Internship Program *Remote*

- Collaborated with a team of 4 to design and plan a micro service architecture aimed at enhancing back-end performance and scalability.
- Initialized Docker containers, streamlining resource utilization and ensuring seamless scalability.

PROJECTS

SocialQ (Team Lead) | *Next.js, OpenAI, Firebase, Git* August 2024

- Developed a flashcard-based web app with Next.js and Material-UI, offering users conversation starters and icebreakers.
- Integrated OpenAI's language models to generate dynamic content tailored to user preferences.
- Implemented secure authentication and user profiles with Firebase for personalized user experiences.

Mindful Moments (Team Lead) | *Java Spring Boot, PostgreSQL, React.js, Git* May 2024

- Engineered a secure authentication system with Java Spring Boot, enabling seamless user registration and session management.
- Built front-end features like journals, mood trackers, and meditation exercises using React.js, enhancing user engagement.
- Managed user data with PostgreSQL, ensuring personalized experiences through efficient data storage and retrieval.

TECHNICAL SKILLS

Languages: C++, Python, Java, JavaScript, HTML5, CSS, SQL

Frameworks: React.js, Node.js, Next.js, SpringBoot

Developer Tools: Firebase, Git, Github, Google Cloud, Docker, PostgreSQL, Linux, Figma, Supabase