

Tahmid Hussan

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EDUCATION

CUNY Queens College

Flushing, NY

Bachelor of Arts in Computer Science

Aug. 2021 – December 2025

- Relevant coursework: OOP in C++ and Java, Advanced Programming in Python, Data Structures and Algorithms, Database Systems, Software Engineering

CodePath

Remote

Android Development

Feb. 2024 – April 2024

- Developed proficiency in Android development through creating applications using **Kotlin** and **Android Studio**.

EXPERIENCE

Lead Software Engineer Intern

June 2024 – August 2024

TheraMotive

Brooklyn, NY

- Led a team of **10+** interns in an Agile environment to build a **Next.js** & **MongoDB**-powered company dashboard, improving operational efficiency by **60%**.
- Architected and deployed scalable microservices, reducing API response time by **40%** and improving system reliability.
- Integrated **Clerk** authentication and role-based access control (RBAC), enhancing security and user management efficiency by **55%**.
- Designed and maintained CI/CD pipelines using **GitHub Actions**, accelerating feature deployment speed by **50%**.
- Authored **20+** pages of comprehensive technical documentation, improving onboarding efficiency for future engineers.

PROJECTS

TheraMotive Company Dashboard | *Next.js, MongoDB*

- Developed a **Next.js** dashboard with real-time analytics, improving user productivity by **35%** through dynamic data visualization.
- Engineered a CRUD-based task management system with **MongoDB**, reducing data retrieval latency by **30%**.
- Integrated Instagram & Facebook Graph APIs, improving social media metric visibility and data sync speed by **40%**.
- Leveraged **Clerk** for streamlined authentication and user management, implementing secure role assignments and account settings, improving user management efficiency by **55%**.

Personal Portfolio Website | *React.js, Tailwind CSS, Framer Motion*

- Created a fully responsive **React.js** portfolio with **Tailwind CSS**, ensuring cross-device optimization for **50+** screen sizes.
- Implemented **Framer Motion** animations, enhancing UI interactivity and increasing user engagement by **40%**.
- Refactored the codebase with modular components and reusable hooks, reducing future maintenance overhead by **50%**.

Lebron Discord Bot | *Python*

- Built a Lebron-themed **Python** Discord bot using discord.py, integrating ZenQuotes and Giphy APIs to improve content delivery by **30%** and increase server engagement by **70%** through motivational quotes and GIFs.
- Deployed the bot across multiple servers, expanding its reach and contributing to a broader community, leading to increased engagement and interaction across different Discord communities.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C++, Kotlin

Frontend: HTML/CSS, React.js, Next.js, Tailwind CSS

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB

DevOps: Git, GitHub Actions

Authentication: Clerk