**Husnain I. Khaliq**

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# EDUCATION

# Brooklyn College, City University of New York Expected Aug 2024 - Sep 2025

*Bachelor of Science in Computer Science*

**Relevant Coursework:** Data Structures, Introduction to Modern Programming Techniques (Java), Database Systems, Implementation of Large-Scale Web Applications, Programming Paradigms in C++, Linux Essentials.

# TECHNICAL SKILLS

**Programming Languages:** Java, C++, Python, JavaScript, TypeScript, HTML5, CSS, SQL .

**Libraries & Tools:** React, Redux, Express, Nivo, Material UI, Tailwind CSS, Node.js, Passport.js, OAuth2.0, Bcrypt, Mocha, Jest, MySQL, Sequelize, PostgreSQL, Firebase, MongoDB..

**Technologies:** Restful APIs, Git/GitHub, Figma, Postman, Docker, Kubernetes, AWS, Google Cloud, LaunchDarkly, Postico, Datadog, Sentry, Unix command line.

# PROFESSIONAL EXPERIENCE

# Software Engineer Fellow Jul 2024 - Sep 2024

Headstarter AI

* Selected from over 40,000 global applicants to join the Headstarter AI Software Engineering Fellowship.
* Built over 5 AI apps and APIs using next.js, OpenAI, Pinecone, Clerk, StripeAPI, achieving 98% accuracy as seen by 1000 users.
* Developed projects from design to development, leading a team of 4+ Engineering Fellows using MVC design patterns.
* Coached by engineers from Amazon, Bloomberg, CapitalOne on agile methodologies, CI/CD, git, and microservice patterns.

# Sales Associate June 2023 - Present

Staples

* Serve as the primary cashier, efficiently handling customer transactions, and providing exceptional customer service.
* Guide customers on the sales floor with product selection, offering expert advice to meet their needs.
* Responsible for restocking and organizing merchandise, maintaining a well-presented and visually appealing sales floor.
* Manage returns of over 6,000 packages weekly for Amazon customers, ensuring accurate and efficient handling.

## PROJECTS

**PromptWise** [Deployed-App](https://promptwise-first.vercel.app) **|** [Backend-Repo](https://github.com/boiledpotatoe/FlashCards-Saas/blob/main/app/layout.js) **|** [Frontend-Repo](https://github.com/boiledpotatoe/FlashCards-Saas/tree/main/app)

* Developed and launched PromptWise, an AI-powered flashcard generation platform using Next.js and the OpenAI API, enabling users to create customizable flashcards to improve their learning efficiency.
* Integrated payment system with Stripe to offer a premium subscription model, unlocking advanced features like quiz modes and flashcard customization for enhanced user experience
* Improved application responsiveness by optimizing the UI/UX for mobile and desktop platforms, resulting in a 30% increase in user

engagement and retention

**FitNology** [Deployed-App](https://fitnologyy.vercel.app) **|** [Backend-Repo](https://github.com/boiledpotatoe/Fitnology/blob/main/app/layout.js) **|** [Frontend-Repo](https://github.com/boiledpotatoe/Fitnology/blob/main/app/page.js)

* Developed Fitnology, a fitness tracking app that includes personalized workout and nutrition plans, along with a calorie tracker to help users monitor their daily intake and stay on track with their fitness goals
* Integrated real-time progress tracking using Node.js and Firebase, providing users with interactive charts to visualize their fitness journey and track their daily activities.
* Implemented an AI fitness coach, offering tailored workout suggestions and guidance based on user data, significantly enhancing user

engagement and providing a personalized fitness experience.