

Brandon Fernando

908-283-0948 | brandonjfernando@yahoo.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Rutgers University

Bachelor of Arts in Computer Science

New Brunswick, NJ

August 2021 – May 2025

- Relevant Courses: Intro to Artificial Intelligence, Software Methodology, Data Structures, Computer Architecture, Data Management for Data Science

EXPERIENCE

Software Engineering Fellow

Headstarter AI

June 2024 - August 2024

- Completed intensive fellowship developing 5+ AI-driven projects, building expertise in HTML, CSS, DNS, ReactJS, Next.js, Firebase, OpenAI, AWS, and RAG.
- Mentored by Amazon, Google, and Capital One experts in agile practices, CI/CD, Git, and microservice architecture.
- Led a team of 3 engineering fellows, overseeing project lifecycle from design to deployment.

Customer Service

Lowe's

June 2023 – August 2024

Phillipsburg, NJ

- Provided exceptional customer service to a diverse clientele, handling in-person interactions, phone calls, and online order pickups.
- Awarded Employee of the Month for outstanding performance and dedication to customer service excellence.
- Implemented problem-solving skills to optimize checkout process and enhance customer satisfaction.

PROJECTS

Cardlet - AI-Powered Flashcard Learning Platform | [GitHub](#)

August 2024

- Developed an AI-driven platform that generates custom flashcards from text and file inputs using OpenAI.
- Built an interactive dashboard and personal library to manage study sessions and organize saved cards.
- Created a matching game and practice test feature for active learning and detailed feedback.
- Utilized Next.js, React, and Firebase, for a responsive frontend and a secure backend

Gainful Chatbot - AI-Powered Customer Support Tool | [GitHub](#)

July 2024

- Integrated OpenAI to provide real-time, accurate responses about Gainful's health products, enhancing user engagement for this e-commerce site.
- Developed a responsive, user-friendly interface using Next.js, React, and Material UI.
- Secured user authentication and chat history storage with Firebase Firestore and Firebase User Auth for a personalized experience.
- Leveraged AI to streamline customer support, delivering seamless interactions that improve customer satisfaction with Gainful's health offerings

Inventory Tracking Web App | [GitHub](#)

July 2024

- Built a real-time inventory tracking solution using Firebase Firestore.
- Designed an intuitive UI with Next.js, React, and Material UI for a smooth and responsive user experience.
- Integrated an OpenAI-powered feature that generates recipes based on available inventory items.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS

Frameworks & Libraries: React, Node.js, Material-UI, JavaFX, pandas, NumPy, Matplotlib