

# Aseef Durrani

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## Professional Summary

Software Engineer driven by a passion for tackling challenges and seeking discomfort. Hands-on experience in end-to-end development with a desire to contribute to cutting-edge solutions and bring innovative, user-centric applications to life.

## Education

### Rutgers University

B.S. in Electrical and Computer Engineering

Expected Graduation May 2025

New Brunswick, NJ

- **Relevant Coursework:** Data Structures & Algorithms, Computer Architecture, Machine Learning, Embedded Systems, Software Engineering, Principles of Electrical Engineering

## Experience

### Software Engineer (AI & Backend Intern)

Sep 2024 – Present

Mynd

Remote

- Spearheaded the development of RAG Pipelines to provide personalized tips and resources for therapists to send to clients post-therapy, enhancing client support.
- Leveraged AI to automate the creation of intake forms for therapists, streamlining the onboarding process for new clients.
- Developed and maintained backend endpoints in Django to support AI-driven features, integrating with a tech stack consisting of React, Chakra, and TypeScript on the front end.

### Software Engineer (Full-Stack Intern)

June 2024 – July 2024

Elavize

New York, NY

- Developed and maintained a full-stack application for job seekers using Next.js, DaisyUI (Tailwind), TypeScript, Node.js, and MongoDB.
- Built an internal tool for the team to access and edit the knowledge base directly within the platform, streamlining operations and improving team efficiency.
- Engaged in a client-facing role by gathering valuable feedback and insights from potential clients, contributing to platform development while adapting to the fast-paced, dynamic challenges of a startup environment.

### Software Engineer (Fellowship)

July 2024 – Sep 2024

Headstarter AI

Remote

- Built 5+ AI apps utilizing technologies like Next.js, OpenAI API, Stripe API, Pinecone, Firebase, and Node, culminating in a final project aiming to ship to 1000+ users.
- Launched an interactive application focused on holistic health, integrating a RAG pipeline to train 5 LLMs to source data from over 35 curated videos and deliver personalized guidance based on individual needs and challenges

## Projects

### Resolved | NextJS, Flask, Pinecone, Langchain, PostgreSQL, Docker

- Engineered a multimodal customer complaint analysis platform for a fintech startup; integrated AssemblyAI, Google Cloud APIs, and OpenAI, resulting in efficient processing times for customer inquiries.
- Designed a RAG Pipeline to smart search over 4,400 Company Complaints, providing accurate and actionable insights to team members for addressing specific issues.

### Intelligent LinkedIn Growth Facilitator | TypeScript, Python, AWS RDS, OpenAI, Docker, Kubernetes | <https://ghostlink.app/>

- Developed and launched an AI-powered full-stack application using Next.js and Flask, automating video transcription and LinkedIn post creation, reducing manual effort, and enabling users to publish engaging posts rapidly
- Prompt engineered an LLM to replicate top performing LinkedIn posts to maximize user interaction and accelerate account growth

### HackRU (Winner) | Python, Streamlit, AWS EC2

- Secured 2<sup>nd</sup> place in Health Track from 170 competitors overall. Worked with a team of 2 others to develop a web app to reduce campus gym overcrowding.
- Developed the app in Python, utilizing third-party services like Streamlit API, optimizing for real-time crowd-level updates based on user input. Deployed app on EC2 instance, ensuring scalability and performance.

## Technical Skills

**Languages:** Python, TypeScript, Javascript, C, VHDL

**Technologies:** NextJS, NodeJS / Express, Django, Flask, MongoDB, Firebase, Pinecone, Linux, Jasmine, Tailwind CSS, SQL

**Tools / Libraries:** Clerk, Auth0, Google Cloud, AWS, OpenAI, Langchain, Docker, Kubernetes, Amazon RDS