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   Expected Graduation May 2025
B.S. in Electrical and Computer Engineering   *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*
- Engineered Python data pipeline to scrape 21,000+ therapist profiles, automating contact discovery and competitor analysis, resulting in a 469% increase in qualified sales leads for the company's mental health platform
- 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 holistic health application leveraging RAG architecture to enhance 5 LLMs with contextual knowledge from 35+ curated videos, enabling personalized guidance based on individual needs

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 2nd 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, Azure