Anbar Saleem

Woodbridge, NJ | 973 826-2278 | anbar.saleem@gmail.com | LinkedIn | Portfolio | GitHub

EDUCATION

New Jersey Institute of Technology, Newark, NJ   September 2021 - May 2025
B.S. Honors in Computer Science - *GPA: 3.83/4.0*

Coursework: Data Structures, Networks Programming, Database Systems, Operating Systems, Linux Programming, Data Science/ML, Data Visualization, Computer Architecture, Cybersecurity, Statistics, Linear Algebra

Awards: Provost Undergraduate Research Institute Fellow, Honors Summer Research Institute Fellow, Dean's List

EXPERIENCE

Founding Backend Engineer - Artemis Ops, Remote   October 2024 - Present

- Refactored routing in the *React.js* based SaaS product to support multi-page navigation and optimized popup state management logic with *Redux*, reducing the codebase by 300+ lines and enhancing maintainability
- Developed an *AI-powered* solution that converts natural language workplace event descriptions into auto-filled regulatory compliance forms, streamlining incident reporting processes while ensuring *data integrity* for *DynamoDB*

Data Scientist - Genmab, Princeton, NJ   June 2024 - September 2024

- Implemented *Generative AI* tools using (*Python, Streamlit, Docker, AWS Lightsail*) for *Retrieval Augmented Generation (RAG)*, enhancing access to 50+ proprietary publications and accelerating onboarding efficiency by 60%
- Streamlined initialization of future projects with detailed close-out reports and code documentation

Software Engineer Intern - UPS, Remote   January 2024 - May 2024

- Engineered a parcel tracking app using *React.js* and *.NET REST API*, migrating from *SQL* to *NoSQL* (Couchbase)
- Led a 5-member development team using the *Agile Methodology* and *Jira*, ensuring on-time delivery of all milestones

Software Engineer Intern - Colgate Palmolive, Remote   January 2023 - August 2023

- Developed and maintained a customer-facing site profile hub using *React.js* with *TypeScript*
- Spearheaded internationalization improvements, implementing automated locale detection and translation workflows, resulting in seamless localization for 80+ locales

PERSONAL PROJECTS

NJIT Course Mentor | *OpenAI API, Python, Streamlit, BeautifulSoup, DigitalOcean, Docker*   June 2024 - Present

- Built a *GPT-4o-powered AI assistant* that provides students with up-to-date, personalized course recommendations
- Designed and implemented web scraping pipelines with *Python* and *BeautifulSoup*, structuring 125 degree programs and 300+ course listings to improve accuracy of AI-driven recommendations
- Optimized backend with *multithreading*, cutting data processing time by 69%, leading to faster app startup times
- Deployed the solution via *Docker* on *DigitalOcean*, ensuring scalability and reliability while maintaining low latency

Crush It! | *React, Express, MongoDB, Docker*   September 2023 - December 2023

- Collaboratively engineered a full stack task management application using the *MERN* stack and *Docker*
- Implemented *user authentication*, Google Calendar integration, task management, and Pomodoro timers

Fitbit → Apple Health Integration App | *Fitbit + Apple HealthKit API, Express, Vue*   June 2023 - September 2023

- Developed an *iOS* app enabling seamless Fitbit workout data synchronization for Apple Health users

TECHNICAL SKILLS

Languages: Javascript, Python, Go, TypeScript, Java, C#, C/C++, Bash, x86 Assembly, SQL, HTML/CSS, Markdown
Frameworks: React.js + Redux, Node.js + Express.js, Streamlit, Ionic, Tailwind, .NET, D3.js, Vue.js, BeautifulSoup
Developer Tools: Git, Docker, Amazon Web Services (S3, DynamoDB, Lambda, Lightsail), DigitalOcean, Postman, Vim