Arnav Narain

anarainwork@gmail.com | (502)-608-6979 | GitHub: arnavnarain | LinkedIn: arnav-narain |

Education

Northeastern University Boston, MA
Khoury College of Computer Sciences *Expected Graduation: Dec. 2024*
Bachelor of Science in Computer Science w/ concentration in Artificial Intelligence
GPA: 3.80/4.00
Honors: University Honors Program, Deans List
Related Coursework: Algorithms, Object Oriented Design, Software Development, Machine Learning 1, Comp. Systems

Technical Skills

Languages: Java, Python, JavaScript/TypeScript, C, C#, Swift, Kotlin, SQL (Postgres)
Dev Tools: React.js, Node.js, CSS/Bootstrap, Git, AWS, Google Cloud Platform, PyTorch, Pandas, Jest
Certifications: AWS Certified Cloud Practitioner

Experience

Software Engineer Intern Jan. 2024 – Present
Verizon *Bedminster, NJ*
- Reduced cell tower power audit time from 9 hours to automated 3 minutes by deploying **Python** code to perform daily data pulls and executions.
- Developed a centralized **Tableau** dashboard utilizing **SQL Server** to streamline execution management for **70+** users and seamlessly integrate real-time insights.
- Building a full-stack app to visualize cell tower activity, leveraging **JavaScript**, integrating **REST APIs**, and rigorously testing with **Postman**, for deployment to Verizon stores.

Software Engineer Intern Jan. 2023 – Jun. 2023
Solaria Labs, Liberty Mutual Insurance *Boston, MA*
- Leveraged React.js, TypeScript, Node.js, SCSS, PostgreSQL, and GraphQL in the development of Liberty+, a platform used nationwide by **10k+** homeowners; resolved tickets and contributed to discussions related to UI/UX.
- Engineered **Python** code to automate the downloading of Lambda, Step Function, and API code for publication to **Git** repositories, resulting in a time-saving of **2 hours** per deployment.
- Designed an optional onboarding experience for new users, facilitating the integration of **8000+** users and enhancing accessibility for all user demographics.
- Ensured website health and functionality using Datadog synthetic tests, resulting in a performance rate of **98%**.

Projects

Tennis Connect | *React.js, Node.js, DynamoDB, AWS* Jul. 2023 – Oct. 2023
- Tracked match statistics, live rankings, and converted posts to tweets via **AWS Lambda** serverless functions and **Twitter API v2**, establishing a seamless integration with a user-friendly **React.js** interface.
- Implemented data manipulation within a **DynamoDB** database through the efficient use of query and mutation operations, allowing real-time discussion for a community of **15+** tennis enthusiasts.

Clickbait Detector | *PyTorch, WordPiece Tokenizer, Flask, ROUGE* May 2023 – Aug. 2023
- Detected if a summary-headline pair is clickbait by leveraging **Transformer Model** architecture, achieving a final detection accuracy of **93.91%**.
- Created a **Flask** application, containerized using **Docker**, and seamlessly deployed it on **AWS** using **EC2**, strategically allocating cloud resources to ensure enhanced scalability and reliability.

Leadership

Lead Developer Sep. 2023 – Present
AI at Northeastern *Boston, MA*
- Spearheaded club growth by crafting a user-friendly onboarding system, leveraging **React.js** and Firebase's **REST APIs**, generating a **23%** increase in member retention compared to previous semesters.

Teaching Assistant Sep. 2023 – Dec. 2023
Northeastern University *Boston, MA*
- Led office hours, prepared course material, and provided feedback for **C** and **x86 Assembly** coding assignments.