Savan Doshi

linkedin.com/in/savan-doshi (317) 702-2965 https://github.ncsu.edu/sdoshi sdoshi@ncsu.edu

Education

North Carolina State University **GPA**: 3.83
Bachelors of Science in Computer Science **Graduation**: May 2022
Mathematics Minor & Statistics Minor

Relevant Coursework: Data Structures and Algorithms, C, Java, Multivariable Calculus

Awards: Computer Science Honors, HackNC 2020 Best Sustainability Hack

Skills

Languages: Java, Python, C, Typescript, HTML, CSS, R, JavaScript

Frameworks/Other: Git, Angular, NodeJS, TensorFlow, Jenkins, MariaDB, React, DynamoDb, Express, Spark, Glue, Kinesis, Lambda, Pandas

Experience

Amazon Software Engineer Intern, May 2021 - August 2021 Palo Alto, CA

- On the Amazon Search (A9) team I implemented a system that automatically took incoming product data partitions and indexed them at a rapid pace for search engine use. I worked on the spark job that took the partition and transformed the data into a readable format, the lambda trigger function to detect incoming partitions, the cloud formation stack to establish AWS resources, as well as the kinesis stream that sent the transformed data into the indexing service.
    - This allowed priority products to not have to go through bulk ingestion which takes 36 hours and become indexed within 30 minutes.
    - Used: AWS Glue, Kinesis, Lambda, Apache Spark, Python, TypeScript

The Vanguard Group Software Engineer Intern, May 2020 - August 2020 Charlotte, NC

- Implemented the backend of a web application that allows Vanguard sales associates to communicate and track financial advisors social media and activity. I worked on the Node server, DynamoDb table as well as the Angular backend services to get data from Social Media REST APIs and store them.
    - This allowed an increase of interactions between the Vanguard sales team and financial advisors allowing sales associates to further their knowledge on their clientele.
    - Used: Angular, Node JS, TypeScript, DynamoDb

Fidelity Investments Software Engineer Intern, May 2019 - August 2019 Durham, NC

- Designed and implemented an application that tracks servers in the Fidelity data center using Python and React. The application is used daily to track which servers are still active as well as where open server racks. It also sees which server racks were at risk of overheating and which ones needed maintenance.
    - This helped data center workers find out which server racks were top priority and prevented problems like replacing the wrong server.
    - Time was saved on navigating overheated servers and helped create priority queues for workers who no longer needed to schedule their day
    - Used: React, Node JS, Python