

Sreya Katabathuni

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👤 linkedin.com/sreya-kata 📅 Availability: June 2023 🖱 sreyakata.com

EDUCATION

Northeastern University, Boston MA

Sep. 2019 - May 2023

Candidate for *Bachelor of Science in Computer Science/Business Administration*

GPA: 3.8/4.0 | Dean's List | Dean's Scholarship

Relevant Coursework: Object-Oriented Design, Management Information Systems, Database Design, Algorithms and Data, Foundations of Data Science, Mobile App Development, Large-Scale Information Storage and Retrieval

Leadership: HackBeanpot Co-Director, Her Campus Northeastern Editor in Chief

COMPUTER KNOWLEDGE

Languages: TypeScript/JavaScript, Java, Python, SQL, Cypher (Neo4j), GraphQL

Frameworks/Libraries: React, Redux, FreeMarker (FTL), Bootstrap, Gatsby, Node.js

Applications: Git, Adobe CC, Shopify, Figma, MongoDB, Android Studio (Java), Elasticsearch (ES), Docker

RELATED EXPERIENCE

Software Development Co-op – Wood Mackenzie, Boston MA

July 2022 - Present

- Migrate data from Data Manager to map platform by building GraphQL endpoints and adjusting pipelines to ES.
- Improve Data Manager by adding and enhancing features using React to query from a GraphQL server.
- Undertake data load by writing Python scripts that query from Neo4j and write SQL insert statements.
- Coordinate ingestion of data from pipelines through AWS S3 buckets and CloudFormation files
- Contribute to routine code reviews and release team meetings to push code to higher environments in Jenkins.

Technical Lead and Developer – Scout Studio, Boston MA

Jan. 2021 - May 2022

- Revamped a skincare company's Shopify-based website in Liquid to add templates and custom pages.
- Oversaw development tasks for 2 developers by maintaining GitHub tickets and workflows.
- Utilized Gatsby to build a website with React components, GraphQL queries and Contentful data management.
- Collaborated with an agile team of 5 designers and developers to deliver a marketing website for a student club.

Software Engineering Co-op – CarGurus, Boston MA

May 2021 - Dec. 2021

- Spearheaded frontend development of account hub pages to remove legacy FTL code and outdated design.
- Implemented React components with Java APIs to increase lead conversion on returning user pages by 2-4%.
- Optimized consumer retention by working on email marketing and workflows on Iterable.
- Launched mobile push notifications for returning users through A/B testing code snippets on Iterable.
- Analyzed customer interactions with Snowplow data queries and SQL statements to track UI usages and clicks.

PROJECTS

Predicting Presidential Election Results - Python (Scikit-Learn, Pandas)

Feb. 2021 - April 2021

- Executed regression analysis with historical election data to predict voter proportions with a 2% average error.
- Leveraged machine learning tactics with decision trees and data analysis to consider demographic clustering.

COVID-19 Vaccine Waste Tracker – Java (Spring Boot), SQL, React

Feb. 2021

- Produced an application during HackBeanpot 2021 to efficiently record and track vaccines going to waste daily.
- Created a multi-page React app to connect 5 local API endpoints from Java Spring Boot, from a SQL database.