**KASI VISWANATH VANDANAPU**

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**PROFESSIONAL SUMMARY**

Self-driven and knowledgeable computer science master's student with demonstrated experience in machine learning, big data,

and natural language processing.

**education**

**Northeastern University,** San Francisco January 2022 - December 2023

**Khoury College of Computer Sciences** (Expected)

MS, Computer Science | CGPA: 3.89/4.0

Related Courses: Natural Language Processing, Algorithms, Programming Design Paradigms

**Amrita School of Engineering,** Bangalore June 2015 - May 2019

B.Tech, Computer Science | CGPA: 8.79/10.0

Related Courses: Big Data Analytics, Data Structures and Algorithms, Parallel Data Processing

**skills**

Programming Languages: JavaScript, Python, Java, C Web Development: React, HTML, CSS

Open Source: Apache Spark, Apache Airflow, Observable, TensorFlow Testing Framework: JUnit, Cypress

Coursera Certifications: Smart Analytics, Machine Learning, and AI on GCP, Building Batch Data Pipelines on Google Cloud

**experience**

**Northeastern University,** USA May 2022 - Present

Research Assistant

* Designing a Reactive application **LIST** **CURATOR**, that enables users to navigate in large collections and narrow down search results by providing flexible dynamic custom tools like Filterer, Annotator, and Sorter in Observable Platform
* An example includes comparing and finding cost-effective, 3bhk rented apartments in San Francisco Bay Area
* Implementing using JavaScript with **SCRUM** methodology under supervision by Prof. John Alexis Guerra Gomez

**Infosys,** India May 2019 - December 2021

Levi Strauss & Co. | Spark Developer

* Built, Tested in Pre-Prod Environment, Deployed to Prod, Scheduled and Monitored complex data pipelines using Apache Spark, Delta Lake, Databricks, Apache Airflow, and AWS services for Demand Forecast Application
* Optimized Spark Jobs and increased **Efficiency up to 30**% and reduced cluster’s memory usage by 15%
* Created Metadata Driven code execution to handle day-to-day business logic updates in real-time

Kraft Heinz (POC) | Python Developer

* Inherited and Implemented existing Event-Driven Framework of batch data pipelines and extended it to handle Stream data pipelines with help of Google Cloud Platform Services
* Utilized Cloud Pub/Sub for Input Streaming data and Cloud Functions, Cloud Run, Cloud Build for triggering and executing framework and DBT, Big Query for data preparation and data transformation

**Vega Innovations (For Health Edge Inc. USA),** India February 2019 - May 2019

Software Developer Intern

* Learned, Developed, Built, and Tested Desktop applications using Spring Boot Framework and Apache Maven

**publication**

V. K. Viswanath, C. G. V. Madhuri, C. Raviteja, S. Saravanan and M. Venugopalan, "Hadoop and Natural Language Processing Based Analysis on Kisan Call Center (KCC) Data," 2018 International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2018, pp. 1142-1151, DOI: 10.1109/ICACCI.2018.8554531

**Interests/activities**

* Office Bearer (Secretary) for Smriti – The Photography & Design Club and Organized flagship event FOTOFIESTA’18
* Volunteered, Organized large-scale social service campaigns like Amritavarsham’63 and Kengeri Brahmasthanam