

KASI VISWANATH VANDANAPU

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Creative Software Developer with expertise in providing optimal solutions. Looking to join an organization where I can demonstrate my ability to work smart.

Work Experience

Research Assistant, Northeastern University, USA

May 2022 – Present

- Working on the project [LIST CURATOR](#), which helps the user to narrow down their choices by providing Custom Filters, Annotations & Visualizations using Reactive Programming on the Observable Platform.
- Developing using JavaScript, HTML, and CSS under the guidance of [Prof. John Alexis Guerra Gomez](#)

Specialist Programmer, Infosys, India

May 2019 – Dec 2021

Levi's Trinity Project | PySpark Developer

- Developed Batch data pipelines using PySpark, Delta Lake, Databricks, and AWS services
- Optimized Spark Jobs which increased the efficiency up to 30%
- Scheduled and Monitored day-to-day pipelines with the help of Apache Airflow

Kraft Heinz (POC) | Python Developer

- Created an Event-Driven Framework to handle Stream data pipelines utilizing the GCP services
- Used Cloud Pub/Sub for Input Streaming data and Cloud Functions, Cloud Run, Cloud Build for triggering & executing the framework and DBT, Big Query for data preparation and data transformation

Health Care Service Corporation | Spark Developer

- Developed and Deployed Batch data pipelines based on the business requirements
- Monitored and Scheduled day-to-day batch data pipelines using the Zena scheduler

Software Developer Intern, Vega Innovations (For Health Edge Inc. USA), India

Feb 2019 - May 2019

- Developed and Built Desktop application using Spring Boot Framework and Apache Maven

Skills

Programming Languages: JavaScript, Python, Java, C

Web Development: React, HTML, CSS

Cloud Services: Cloud Function, Cloud Run, Cloud Build, Athena, Big Query, Pub/Sub

Testing: JUnit, Cypress

Open Source: Apache Spark, Apache Airflow

Certifications: [Smart Analytics, Machine Learning, and AI on GCP](#), [Building Batch Data Pipelines on Google Cloud](#)

Education

MS, Computer Science | GPA: 4.0 Northeastern University, San Francisco

Jan 2022 – Dec 2023

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

(Expected)

B.Tech, Computer Science | CGPA: 8.79 Amrita School of Engineering, Bangalore, India

Jun 2015 – May 2019

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

Publication

[Hadoop & Natural Language Processing Based Analysis on Kisan Call Center \(KCC\)](#), ICACCI'18 Aug 2017 – Aug 2018

- Analyzed the KCC Dataset with the help of Hadoop MapReduce on 42k files which were downloaded using Shell script
- Provided Insights on call center data like Frequent queries asked by Farmer, predicted peak time for customer service calls