

## HARIKRISHNA BHUMANI

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### EDUCATION:

University of Maryland Baltimore County

Baltimore, MD

**Master's** in Data Science, *GPA : 3.95*

May 2023

### WORK EXPERIENCE:

**Java Developer** - *Brimma Tech Inc*, Chennai, India

Mar 2021 - Jan 2022

- Automated the manual jobs using Spring batch and generated excel and CSV reports.
- Developed Encompass API's for UI applications and batch jobs.
- Authored the validation rules using DROOLS workbench and integrated with spring boot applications.
- Deployed web applications into Azure app services and standalone applications on Linux machines.
- Adhered to PMD best practices and maintained 85% code coverage.

**Software Engineer** - *Eurofins IT Solutions India Pvt Ltd*, Bengaluru, India

Sep 2017 – Mar 2021

- Configured JBOSS Fuse, AMQ instances and deployed CAMEL routes on ESB platform.
- Exposed REST API's for message volume and platform utilization.
- Configured the smoke tests and health check reports to ensure the message flow to all the regions without any delay or interruption.
- Created bash scripts and automated the adhoc jobs like collecting the thread and heap dumps, message tracing in the logs etc.

### SKILLS:

**Programming** Java, Spring Boot, Python, CAMEL, Bash scripting, Pandas

**Databases** PostgreSQL, Microsoft SQL, Cassandra

**Technologies** Microsoft Azure, AWS, Databricks, Pyspark

**Machine Learning** Supervised & Unsupervised learning models, NLP, Deep Learning

**ACADEMIC PROJECTS:** <https://github.com/haribhumani/projects>

**COVID-19 Data Analysis:**

- Processed and applied EDA techniques over 17 million records using Pyspark.
- Sampled and aggregated the data into monthly timeframe.
- Visualized the impacted countries, affected age group, vaccination etc.

**Restaurant Management System:**

- Developed a Restaurant POS application from scratch using Python.
- Included all the operations that restaurant performs on daily and monthly basis.
- Validated the application using Junits.

**Fake News Detection:**

- Collected the data by scraping the 'PolitiFact' website and performed EDA analysis.
- Converted the news content information into feature vectors using **TF-IDF** and **BOW**.
- Trained a model with SVM, XG Boost and LSTM neural network.

**RECOGNITION:**

- **Certification of Appreciation** (*Brimma Tech Inc*) in recognition of Meticulousness and Commitment.
- Received **STAR Performer Award** (*Eurofins*) twice for automating the message volume reports and handling the production issues.

**EXTRACURRICULAR ACTIVITIES:**

- Member of **Eurofins SMILE** Committee.
- Organized **Mohana Mantra 2k14**, a National Level Techno-Cultural fest.