

ARYASOMAYAJULA RAM BHARADWAJ

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EDUCATION

GMR Institute of Technology

B.tech Electronics and Communications *GPA: 7.53*

Rajam, Andhra Pradesh

2015 - 2019

WORK EXPERIENCE

Musigma Business Solutions

Developer at InD lab

Benguluru

2019 - Present

- Worked as a developer and maintainer for an in-house MLOps tool
- Designed and Implemented framework for switching between deployment strategies for ML models on Kubernetes and Docker-swarm
- Implemented pipelines for automatic re-training and deployment of models based on Model performance
- Implemented trigger-based functionality for alerts based on model's live performance
- Built Dashboards for monitoring various cluster related metrics
- Migrated a legacy signal-generation and trading system from R to scala

SKILLS

Programming languages: Python, Java, Scala
DevOps: Kubernetes, Docker-Swarm, CICD
ML frameworks: Pytorch
Other frameworks: Akka, Spring-boot

PROJECTS

MuOps-AI

An end to end platform for operationalizing machine learning models. I am majorly involved in design, implementation and maintenance of the backend and monitoring stack.

Pairtrading.dev

Pairtrading.dev

An in house web based application for executing pairtrading strategies in real-time. I am majorly involved in migration of existing code-base from R to Scala and debugging misc issues.

Opensource-contributions

Implemented a framework for evaluating code generated by language models in a sandboxed environment, and evaluation of language-model's performance in math-word problems

AWARDS

SPOT Award

For the outstanding work in implementation of new features and significant contribution towards debugging legacy issues

Musigma Business Solutions

July 2020

SPOT Award

For design and implementation of framework deployment-strategies

Musigma Business Solutions

Nov. 2020

SPOT Award

For delivering an entire new set of features in extremely constrained timelines.

Musigma Business Solutions

Jan. 2021

SPOT Award

For quickly developing both the model and the platform required for an urgent Client Demo

Musigma Business Solutions

Jul 2021

SPOT Award

For quick understanding of the existing codebase for Pairtrading application and providing support

Musigma Business Solutions

Feb 2022

Bronze-position

Built a natural-language semantic code-search for build-on-redis hackathon, organized by redis-conf

Redis

Feb 2021

Honorable Mention

For my proposal "Eliciting Latent Knowledge through Cooperative Dialogue" in ELK contest.

Alignment Research Center

Mar 2022

SPOT Award

For taking ownership of both HPC App and asset, and being a pillar of strength of the team

Musigma Business Solutions

May 2022