Aryasomayajula Ram Bharadwaj

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Education

GMR Institute of Technology　　　　　　　　　　　　　　　　　　Rajam,Andhra pradesh
B.tech Electronics and Communications　　　　　　　　　　　　　　　　　　2015 - 2019

Work Experience

Musigma Business Solutions　　　　　　　　　　　　　　　　　　　　　　Benguluru
Apprentice Leader/Developer at InD labs　　　　　　　　　　　　　　　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 (Backend Developer)
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.

Tplusone.Org (Team Lead/Backend Developer/DevOps)　　　　　　　　　tplusone.org
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　　　　　　　　　　　　　　　　　　　　Musigma Business Solutions
For the outstanding work in implementation of new features and significant contribution towards debugging legacy issues　　　　　　　　　　　　　　　　　　　　　　　　　　　　July 2020

SPOT Award　　　　　　　　　　　　　　　　　　　　Musigma Business Solutions
For design and implementation of framework deployment-strategies　　　　　　　　Nov. 2020

SPOT Award　　　　　　　　　　　　　　　　　　　　Musigma Business Solutions
For delivering an entire new set of features in extremely constrained timelines.　　　Jan. 2021

SPOT Award　　　　　　　　　　　　　　　　　　　　Musigma Business Solutions
For quickly developing both the model and the platform required for an urgent Client Demo　　Jul 2021

SPOT Award　　　　　　　　　　　　　　　　　　　　Musigma Business Solutions
For quick understanding of the existing codebase for Pairtrading application and providing support　Feb 2022

Bronze-position　　　　　　　　　　　　　　　　　　　　　　　　　　Redis
Built a natural-language semantic code-search for build-on-redis hackathon, organized by redis-conf　Feb 2021

Honorable Mention　　　　　　　　　　　　　　　　　　Alignment Research Center
For my proposal "Eliciting Latent Knowledge through Cooperative Dialogue" in ELK contest.　　Mar 2022

SPOT Award　　　　　　　　　　　　　　　　　　　　Musigma Business Solutions
For taking ownership of both HPC App and asset, and being a pillar of strength of the team　　May 2022

Impact Award　　　　　　　　　　　　　　　　　　　　Musigma Business Solutions
self-engaging with any challenge, and comes up with alternate choices, commanding devops and integration skills　　　　　　　　　　　　　　　　　　　　　　　　　　　　October 2022