Harinadh Appidi *Software Development Engineer*

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Profile

Working as an SDE at Amazon web services building generative AI assistant for enterprise customers. Seeking a role to build in a challenging environment with work life harmony.

Professional Experience

2022/10 – present
Software Development Engineer
Amazon Web Services
- Worked on edge run time agent for ML inference on edge devices - Link
- Improved throughput of Computer Vision pipelines running on edge devices by 30%.
- Reduced operational load of microservices that support Amazon Q Business.

2021/06 – 2022/07
Graduate Research Assistant
University of Oklahoma
- Performed data analysis on health data in R and built dashboards.
- Implement statistical models to identify cancer probablity of patients based on direct and indirect features extracted from health dataset.

2018/08 – 2020/12
Machine Learning Engineer
Infosys Limited
- Worked on Infosys Enterprise Cognitive platform(IECP) building NLP based solutions to extract insights from invoices.
- Built text extraction modules to extract data from different types of documents like selectable pdf, scanned pdf, M365 documents(.doc, .docx, .xls...) and images.
- Trained and Deployed text classification and summarization models to fetch relevant insights from extracted content.

2018/02 – 2018/07
Software Engineering Intern
Infosys Limited
- Built a Java based web application to compare mobile phones and facilitate user reviews.
- Built a Python based web application to facilitate online bookings, payment for a ride at amusement park

Education

2021/01 – 2022/09
Masters in Data Science (4.0)
University of Oklahoma

Skills

Programming Languages ●●●○○
- Python, Java, C++

Machine Learning & Deep Learning ●●●○○

Computer Architecture ●●○○○

Amazon Web Services ●●●○○

Data Structures and Algorithms ●●●●○

Distributed Systems ●●●○○