

Chidambaram Muthappan

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Experience

SENIOR SPECIALIST SOLUTION ARCHITECT | AWS, SEATTLE **FEB 2022 – PRESENT**

- Led a team of solution architects in the strategic enablement of 15+ software vendor partners, guiding them to successfully build, integrate, and list AI Agents and MCP servers in the AWS Marketplace within a rapid two-month timeframe.
- Developed and delivered Generative AI data strategies for large-scale enterprise customers, providing architectural guidance on securely leveraging third-party data for Large Language Models (LLMs).
- Acted as an AI/ML evangelist to increase platform awareness and usage, authoring 5 high-traffic technical blogs on data modeling and AI Agent development.
- Drove technology adoption by delivering 16 live technical sessions at premier global conferences, including re:Invent and the NY AWS Summit.
- Spearheaded technical go-to-market strategies for highly ambiguous, emerging AI and Data feature launches (e.g., AWS Data Exchange, AI Agents), adapting to rapidly evolving business objectives.

SENIOR FIELD ENGINEER | DOMINO DATA LAB, OREGON **SEPT 2021 – FEB 2022**

- Designed and developed automated scripts empowering data scientists to run processing jobs in parallel on the Domino platform, resulting in a 60% decrease in processing time.

SENIOR SOFTWARE ENGINEER III | NIKE, OREGON **FEB 2018 – SEPT 2021**

- Engineered robust MLOps automation enabling Data Scientists to seamlessly serve ML models at scale using Kubernetes and Flask, creating a Continuous Delivery workflow that reduced ML time-to-market to just 2 weeks.
- Collaborated cross-functionally with cloud providers to establish AWS SageMaker as a core compute platform within the Nike enterprise ecosystem, achieving an 80% user satisfaction rate.
- Developed Airflow operators integrating with Databricks APIs to seamlessly orchestrate scheduled runs for ML models
- Collaborated with Data Engineers and Scientists to adapt common patterns for data processing jobs, which increased system observability and alarming capabilities by 70%

RESEARCH ASSISTANT | UCLA, LOS ANGELES **MARCH 2017 – JUNE 2017**

- Developed experiments to explore wealth visibility in a setting of dynamic social network interactions using the breadboard framework.

I.T ENGINEER | CISCO SYSTEMS, BANGALORE **JULY 2014 – AUG 2016**

- Received the Early Career Recognition Award for exceptional work ethic at the 2015 Annual Cisco Meet.

Education

MASTERS IN COMPUTER SCIENCE | UCLA **SEPT 2016-DEC 2017**

- Areas of Expertise: Data Science, Data Engineering
- Coursework: Cloud Computing, Large-Scale Data Mining, Distributed Database Systems

BACHELOR OF TECHNOLOGY |AMRITA SCHOOL OF ENGINEERING **JUNE 2010-AUG 2014**

- Honors: Awarded Silver Medal for securing overall second rank at the university
- Publications: Video Recommender in open/closed systems, IJRET, March 2014.