

SUBHASH TALLURI

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SUMMARY

ML Expert. Generative AI Strategist. Solutions Engineer. Industry Leader. Cloud Architect. Author. Speaker.

SKILLS

Data Science/ML – Python Frameworks, R, SQL, AI Research, Language Modeling, AI Infrastructure
Cloud Tech – Cloud Integrations, Lift & Shift, Cloud Native Developments, Cloud Automation & MLOps
Industry Expert – Telecom, Aerospace, Industrial & Manufacturing, Energy, Healthcare
Com. Science – Distributed Computing, SDLC, System Integration, Big Data, Version Control, Software Eng. Principles
Expert Proficiency – Supervised Learning, Pattern Mining, Anomaly Detection, Time-Series, Optimization, Federated Learning
Full Proficiency – Generative AI, LLM Customization, Deep Learning, Reinforcement Learning, NLP, Computer Vision

RELEVANT EXPERIENCE

Amazon Web Services

Lead Solutions Architect – AI/ML.....Atlanta, GA / Dec 2019 - Present

- Lead large enterprise AI transformation, guiding strategy development through execution and delivery to drive scalable, business-aligned outcomes. Drive discussions with customer's senior leadership and contribute to defining their organizational goals
- Work with customer's AI team to deeply understand their business, technical needs, and design AI solutions for complex challenges using AWS Cloud platform and AI Services. Lead customer teams in the implementation of prototypes & MVPs.
- Provide thought leadership, evangelize AWS Services and share best practices through forums such as [AWS blogs](#), [Workshops](#), whitepapers, reference architectures and public-speaking events such as AWS Summit, AWS re:Invent, TM Forum, [MWC](#) etc.
- Manage multi-country initiatives by leading a team of solution architects, sales, business development and the AI service/product teams to accelerate enterprise AI adoption. Serve as a technical thought leader and trusted advisor for customers
- Influence internal decision makers to shape strategic business direction and product roadmaps. Lead development of scalable mechanisms to drive org efficiencies and goal attainment. Establish best practices to help develop the SA community.

Capgemini America

Lead Data Scientist / Delivery Architect.....Atlanta, GA / Nov 2018 – Nov 2019

- Led a global team of 30+ engineers to drive client engagements in a broad range of industries to design & build scalable AI/ML solutions. Responsible for developing analytics/ML strategy, use case identification, POCs & end-to-end execution for true ROI
- Helped grow data science practice by meeting business goals through client prospecting, responding to proposals, identifying and closing opportunities within identified client accounts.
- Participated in client discussions, interacted with CxOs at client organization to articulate the value of data science approaches, different service offerings and guided them on implementation.

Cyient Insights

Sr. Data Scientist, Aerospace & Defense.....Chandler, AZ / Sept 2017 - Nov 2018

- Developed predictive solutions for the aerospace industry. Lead a team of 10+ data scientists to develop customer POCs.
- Defined solution architectures, translated executive requests and ideas into successful data science implementations.

Pratt & Whitney Canada

Analyst, Material/Structural.....Mississauga, Ontario / Dec 2010 – Sept 2017

- Expert in physics-based modeling - numerical methods, mathematical simulations & design optimization

PUBLICATIONS & PATENTS

- [A Cloud-Native Federated Learning Architecture for Telecom Fraud Detection](#), IEEE NOMS, May 2023.
- [Reinforcement Learning-based Multi-domain Network Slice Control](#), AWS, University of Texas at Dallas, IEEE ICC, June 2023.
- [Opportunities for Telecoms with SLMs: Insights from AWS and Meta](#), AWS for Industries, Sept 2024.
- **Patent** pending (filed & accepted) – Selective data transfer utilizing network feature representation learning

EDUCATION

University Degree	University	Year
eMBA, Strategic Leadership	Quantic School of Business & Technology	2026
MS, Computer Science – Data Science	University of Illinois Urbana Champaign	2019
MS, Aerospace Science & Engineering	University of Toronto, Canada	2010
BS, Mechanical Engineering	Jawaharlal Nehru Technological University, India	2008