SUBHASH TALLURI

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SUMMARY

Industry Solutions Expert. Data scientist. Cloud Architect. Business Development. Author. Speaker

SKILLS

Data Science   – Python, R, SQL, Spark, Big-Data Ecosystem – Hands-on experience and fluency
Cloud Tech   – Cloud Integrations, Lift & Shift, Cloud Native Developments, Cloud Automation & MLOps
Industry Expert   – Telecom, Aerospace, Industrial & Manufacturing, Energy, Healthcare
Com. Science   – Full Stack, SDLC, Agile, Git Versioning, Linux CLI
High Proficiency – Supervised Learning, Pattern Mining, Anomaly Detection, Time-Series, Optimization, Federated Learning
Mid Proficiency – Deep Learning (NLP, Image, Vision), Reinforcement Learning, Transfer Learning, Robotics

RELEVANT EXPERIENCE

Amazon Web Services
Lead Solutions Architect – AI / ML……………………………………………………………Atlanta, GA | Dec 2019 - Present

- Work with customer's AI team to deeply understand their business, technical needs and design AI solutions that make the best use of the AWS Cloud platform and AI Services.
- Provide thought leadership, evangelize AWS Services and share best practices through forums such as AWS blogs, whitepapers, reference architectures and public-speaking events such as AWS Summit, AWS re:Invent, etc.
- Partner with Solution Architects, Sales, Business Development and the AI Service teams to accelerate customer adoption and revenue attainment. Act as a technical liaison between customers and the service engineering teams and provide improvement feedback to shape the service/product. Help define new product requirements and influence service roadmap.

Capgemini America
Lead Data Scientist / Delivery Architect Manager………………………………………………Atlanta, GA | Nov 2018 – Nov 2019

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

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.
- Created reusable implementations of statistical tests and ML models (R, Python etc.) using available technologies.
- Assisted in customer engagement management, project scoping, budgeting & time-line management
- Defined solution architectures using engineering knowledge and translated executive requests, questions, concerns 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 (FEM), mathematical simulations & design optimization

PUBLICATIONS

- "A Cloud-Native Federated Learning Architecture for Telecom Fraud Detection", **Subhash Talluri**, Qiong Zhang, Rongyi Chen, Amazon Web Services, Accepted into IEEE NOMS, May 2023
- "Reinforcement Learning-based Multi-domain Network Slice Control", by Zhouxiang Wu, Genya Ishigaki, Riti Gour, Congzhou Li, **Subhash Talluri**, and Jason P. Jue. Accepted into IEEE ICC, June 2023.

EDUCATION

University Degree	University	Year
MBA, Global Strategy	University of Illinois – Gies College of Business	2025
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