

# SUBHASH TALLURI

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<https://subhashtalluri.github.io>

## SUMMARY

Trained mechanical engineer. Experienced Aerospace engineer. Passionate data scientist. IoT Enthusiast. Cloud Architect

## SKILLS

Data Science - Python (8), R (7), SQL (5), Tableau (6), Spark (beginner), Big Data Ecosystem (beginner)  
Cloud - AWS Certified - Solutions Architect, ML Specialty & Big Data Specialty  
Domain - Experience in Telecom, Expertise in Aerospace, Industrial & Manufacturing  
Comp. Science - Full Stack, SDLC, Agile, Git Versioning, Linux CLI  
Strengths - Supervised/Unsupervised, Pattern Mining, Anomaly Detection, Time Series, Bayesian Inference, Optimization  
Improving On - Deep Learning (NLP, Image, Vision), Reinforcement Learning, Transfer Learning, Robotics

## RELEVANT EXPERIENCE

### Amazon Web Services

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

- Work with customer's AI team to deeply understand their business and 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.
- In partnership with the sales team, formulate and execute a sales strategy to exceed business unit revenue objectives through the adoption of AWS. As a key member of the business development and sales team, ensure success in building and migrating applications, software and services on the AWS platform
- Build deep relationships with senior technical individuals and executive leadership within customers to enable them to be cloud advocates

### Capgemini America

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

- Experienced in providing predictive analytics for transaction reduction in the cable industry. Experience in designing and implementing data science architectures within the business framework
- Expertise in taking business requirements, defining ML problem framework and implementing ML at production scale
- Responsible for developing analytics strategy, use case identification, proof-of-concepts & end-to-end execution for true ROI

### Cyient Insights

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

- Developed predictive analytics solutions for the aerospace industry
- 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

- Experienced in gas turbine engine development from concept design, first engine test and certification to production phase
- Expert in physics-based modeling - numerical methods (FEM), mathematical simulations & design optimization
- Experienced in writing certification reports for regulating authorities such as Transport Canada, FAA & EASA

## EDUCATION

University Degree	Universit	Year
MBA, Global Strategy	University of Illinois – Gies College of Business	2022
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	2008