

# Tavish Aggarwal

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## SUMMARY

7+ years of experience result-oriented Lead Data Scientist with a specialization to improve the major key performance supply chain business indicators. Problem solver with an analytical and innovative mind focusing on yielding high-quality results.

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## EXPERIENCE

### Principal Software Engineer - Data Scientist

ACS Solutions

April 2022 - Present, Hyderabad

- Recognized with "ACS Idol" reward at a highly prestigious event organized in Goa.
- Build a shipment optimizer solution for one of the USA's largest steel producer's supply chain organization and saved 5% of logistics costs for the top 20% of customers.
- Lead the projects in the domain of Face Recognition, AR/VR, Aspect Based Sentiment Analysis, Digital Avatars, Optimization Algorithms, and Image Generation contributing to enhancing team capability.
- Building a Data Science team in the organization by conducting interviews and contributing towards increasing team billability by 22%.

### Senior Software Engineer - Data Scientist

ACS Solutions

January 2020 - March 2022, Hyderabad

- Recognized with the "Customer Champion" award for valuable contribution towards project and company goals.
- Part of the innovation team and research on AI architecture with four major components MLOps, Data pipelines, Machine Learning models, and Visualization layers proprietary to clients in the supply chain domain and bringing down manual training time by 15%.
- In the researched AI architecture, set up a simulated environment and perform experiments to tweak controllable parameters in the supply chain to maximize the business target objectives such as profitability, customer engagement, and customer acquisition.
- Empower 3 data science teams, by finding hidden connections in the supply chain and converting the business problems into data science problems.

### Software Engineer - Data Scientist

ACS Solutions

August 2017 - December 2019, Hyderabad

- Honored with the "Employee of the Year" and spot awards for commitment and the mission to ensure business success.
- Developed demand forecast ML model to maintain the healthy order book for the supply chain company, improving 72% efficiency of the sales order book.
- Acquired client trust by taking responsibility for major deliverables, which helped expand the team size from 4 to 12 members.

### Software Engineer

MAQ Software

June 2016 - July 2017, Hyderabad

- Honoured 3 times with the "Employee of the Month" title for exceeding customer expectations.
- Developed end-to-end solutions in an agile environment using the latest technology stack such as HTML, CSS, Angular, SQL, SharePoint workflow, Java, and AWS.

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## SKILLS

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**Fields of Interest:** Data Analysis, Machine Learning, Data Warehousing, Explainable Artificial Intelligence, Leadership

**Technical Skills:** Statistics; Data Modelling; Python; MLOps; Python Libraries such as Numpy, Pandas, Matplotlib, Seaborn, Scikit, and Keras; Flask; Django; AWS

**Language Skills:** English, Hindi

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## EDUCATION

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**Masters in Machine Learning and Artificial Intelligence**

Liverpool John Moores University • Liverpool, England • 2021

**PG Diploma in Machine Learning and Artificial Intelligence**

International Institute of Information Technology • Bangalore, India • 2020

**Bachelor of Technology in Software Engineering**

SRM University • Hyderabad, India • 2016