

Saish Mayekar

saishmayekar51@gmail.com | +44 7585710321 | Manchester

[GitHub](#) | [LinkedIn](#) | [Tableau](#)

Education And Honors

The University of Sheffield, Department of Computer Science

Masters in Data Analytics

Sep. 2021

Mumbai University

Bachelor of Engineering, Electronics and Telecommunications

Aug. 2014

Skills

- **Programming Languages:** Python, SQL, R, SAP ABAP on HANA
- **Big Data & Machine Learning:** Apache Spark, Python (Scikit-Learn, NumPy, Pandas, PySpark, Matplotlib)
- **Data Science & Miscellaneous Technologies:** MS Azure Machine Learning Studio, Pipelines, Tableau, Agile, Excel, Git

Technical Projects

Active Learning for Lifelong Learning Machine Translation ([Dissertation](#))

Jun. 2021 – Sep. 2021

- Applied **Active Learning** on the existing Lifelong Learning Machine Translation system for English – German corpus
- Devised **sampling strategies** for human-assisted translation based on Quality Estimation scores
- Achieved a BLEU score of 36.6867 on EN-DE corpus beating the baseline model by over 20 points

Machine Learning for Drug development for AstraZeneca ([Industrial Team Project](#))

Feb 2021. – May 2021

- Led a team of 3 classmates to implement a basic and an advanced (similarity matrices) **Matrix Factorization** model for the problem of predicting the Drug Target Interaction
- Drove team meetings and delivered presentations to provide weekly updates to the supervisor
- Put forth the findings and pitched actionable insights to the Global Team Leader, Director w/ Data Science and AI group, AstraZeneca

Professional Experience

PA Consulting, *Consultant Analyst*

March 2021 – Present

- Conducted quality assurance of HSBC's inventory data by extracting regulatory handbooks across 12 geographies and running **cosine similarity** to assure completeness and accuracy of the inventory
- Supported RFP for Rabobank to accelerate specialist document analysis using NLP and MLOps
- Built a Tableau dashboard that assesses cross-sector organizational resilience maturity to support PA's resilience offering

IBM, *Advisory System Analyst*

Apr. 2020 – Oct. 2020

- Enhanced the functioning of an internal chatbot tool built on Big Data, ML techniques, and HTML
- Reviewed and treated the training data as part of **data cleaning**, which led to a performance improvement of ~5%

Deloitte, *Consultant*

Jun. 2018 – Apr. 2020

- Engineered architecture and designed robust business solutions using SAP ABAP on HANA
- Collaborated with the Business Development team to execute UAT at the client location
- Optimized existing code for multiple reports by implementing methodologies like **parallel processing** and **code pushdown**

Accenture, *Application Development Senior Analyst*

Sep. 2014 – Jun. 2018

- Extended SAP version comparison in a report to generate PDF with the delta as output as a part of automating the process of creation of a Fix Resolution Document Creation, resulting in saving ~30 hours per week of manual work
- Created Employee Time Charging report for the project's internal use as a part of **automation**
- Conducted Design Thinking workshops to arrive at creative and innovative solutions for complex issues

Achievements

- Won Applause award during the UAT cycle, 2020
- Won multiple Spot awards during the UAT cycle, 2019
- Won "Accenture Celebrates Excellence (ACE)" award winner FY17 Q2
- Winner of "The Enabler Award", 2016
- Consecutive Winner of "Good Samaritan" award (2015 and 2016)

Miscellaneous and Interests

- Part of PA's HLS People team that organizes monthly town hall
- Academic Representative at the University of Sheffield, Department of Computer Science, Postgraduate Taught, 2020-21
- Served as both a volunteer and centre head as part of Accenture's CSR at Yuva Parivartan's KSWA, Mumbai, 2016-18, coaching English and life skills
- Co-hosted Accenture's RES Talent Extravaganza, 2016, RES PANACHE, 2017, myPassion myClub launch, 2018, Outperform Award Ceremony, 2016(Q3 and Q4), 2017(Q1 & Q2 and Q4), and 2018 (Q1)
- Interests: Football, Cricket, Hikes