

AARYA PRASHANT URANKAR

5 Aldershot Road, Guildford, GU2 8AE

Phone: +44 7818 080717 **E-mail:** aaryaurankar98@gmail.com

Portfolio: <https://aaryaurankar1998.wixsite.com/data-analytics-por-2>

LinkedIn: <https://www.linkedin.com/in/aaryaurankar/>

SUMMARY:

Experienced Software Engineer with a background in the data science field, adept in leveraging advanced analytical and programming skills, particularly in Python and SQL, to analyse large datasets and develop innovative solutions. Skilled in leading cross-functional teams and collaborating with stakeholders to align technical solutions with business objectives. Proficient in using Power Platforms to create efficient and user-friendly applications. Completed a Master's degree in Business Analytics, and committed to driving strategic decisions and optimizing business processes through data-driven insights.

PROFESSIONAL EXPERIENCE:

Mastek Ltd

July 2021 — Jan 2023

Software Engineer

- **Project: Data-Driven Retail Recommendation System** - Led the analysis and development of a machine learning-based recommendation system for retail. Managed and analyzed large datasets using SQL Server to ensure efficient storage, retrieval, and processing of relevant information. Conducted extensive data analysis to identify patterns and trends, and developed customized algorithms utilizing techniques such as Apriori algorithm and collaborative filtering.
- **Project: Shop Replenishment System** - Led important meetings with Morrisons stakeholders to match project goals with replenishment needs. Developed an automatic replenishment system to optimize stock management. Created algorithms to track supply, sales, and demand.
- **Project: Data-Driven Retail Cross-Selling Techniques** - Conducted market basket analysis to identify products frequently purchased together, enhancing cross-selling opportunities for a retail store.
- **Project: Hospital management system**- Collaborated with a technical architect to perform data modelling, understanding different pieces of information and their relationships within the system. Managed patient and hospital data efficiently using SQL, ensuring data integrity and accessibility. Integrated NLP chatbot functionality to provide an intuitive interface for users, enhancing user experience and accessibility. Trained an AI model on X-ray images using Power Apps to assist in diagnostic processes, further enhancing the system's capability to support healthcare providers.

EDUCATION:

- **MSc Business Analytics**

University Of Surrey, United Kingdom.

Feb 2023 - Feb 2024

- Relevant Coursework: Machine Learning and Visualization, SAP, Statistics, Data Analytics and Data Mining, Supply Chain, Marketing Analytics, Operational Analytics

- **Bachelors of Engineering- EXTC**

University of Mumbai

June 2016 - June 2020

- Relevant Coursework: Analog Electronics, Microprocessors and Microcontrollers, Digital electronics, Wireless communication, Digital Signal Processing, Wave Propagation, Electronic Circuits, Embedded System, Analog System.

SKILLS:

- Programming languages: Python, Django, R, SQL
- Tools and Technology: Power Apps, Power automate, Power BI, Power virtual agent, Tableau, Microsoft excel, SQL server, Mongo DB
- Data Analysis, Business Analysis, Project management

EXTRA CURRICULAR ACTIVITIES:

- Got **1st' Runner up** position for North Star & Hacker's Microsoft Power Platform Hackathon (2021).

HOBBIES:

Listening to podcast and Travelling