

# Sameer Pramod Raut

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Experienced analyst with a track record of delivering results over 3 years, with a primary focus on Python programming and Cloud technologies. Skilled in designing and building effective ETL processes, utilizing cloud technologies, and promoting collaboration. Demonstrated ability to meet challenging deadlines while defining high-quality solutions. Skilled at translating complex technical requirements into actionable insights and adept at managing project schedules.

## SKILLS

### Technical Skills:

Programming Languages: Java, C#, Python, R

Database Management: SQL

Cloud Technologies: AWS (Amazon Web Services), Azure

ETL Processes: Expertise in designing and implementing ETL processes for efficient data transformation, integration, and loading.

Strong Knowledge of Microsoft Excel

### Data Analysis Tools:

Data Visualization: Proficient in tools like Tableau or Power BI for creating insightful visualization.

Statistical Analysis: Skilled in using statistical packages such as pandas, NumPy, or SciPy for data analysis and modeling.

### Soft Skills:

Problem Solving: Proven ability to analyze complex issues and develop effective solutions.

Collaborator: Strong collaborative skills, conducted by leading design sessions and fostering team bonding.

Stakeholder Management: Mastered proficiency in liaising with diverse stakeholders, including clients, team members, and end-users, throughout project lifecycle.

Requirements Elicitation: Proven ability to conduct comprehensive requirement gathering sessions with stakeholders, facilitating in-depth discussions to extract key project requirements.

Analytical Thinking: Analysed complex data to produce actionable insights, resulting in a 15% increase in efficiency for client.

Time Management: Efficient project scheduling and delivery within tight timelines.

Critical Thinking: Enhanced processes through critical analysis, aiming for optimal results

## EDUCATION

### Nottingham Trent University, Nottingham

Master of Science (Data Science) | Graduated with First Class Honours

September 2022 – September 2023

### University of Pune, Pune

Bachelor of Engineering (Computer Science) | Graduated First Class with Distinction

June 2015 – June 2019

## WORK EXPERIENCE

### Senior Analyst Engineer – Infosys, Pune

August 2021 – August 2022

- Led collaborative design sessions, integrating Agile and DevOps into data workflow, reducing project delivery time by 20%.
- Established a knowledge-sharing platform focusing on data analytics, including CI/CD practices, keeping teams updated on technological advancements.
- Launched a tailored data analysis training program, resulting in a 15% improvement in team skills alignment with industry trends.
- Enabled a mentorship program, leading to a 30% increase in overall team efficiency in data analysis.
- Customized IBM TRIRIGA training content for diverse skill levels, optimizing training sessions effectiveness.
- Defined AWS services to automate data analysis processes, increasing efficiency by 25%.
- Collaborated on AWS integration for scalable automation in Python, improving system performance and minimizing manual work by 50%.

### Analyst Engineer – Infosys, Pune

March 2020 – August 2021

- Analysed data to tailor IBM TRIRIGA training for diverse team roles, enhancing Java sessions' effectiveness by 25% and saving £3,000 in training costs.
- Proposed in making production ready solutions and also directed 14+ AWS Servers single handedly.
- Enhanced server infrastructure, ensuring 99.9% uptime and lowering downtime by 25% through developing automated monitoring systems and regular maintenance protocols.
- Employed problem-solving skills to troubleshoot and optimize AWS server performance, resulting in system reliability.
- Engaged in continuous learning, staying abreast of the latest industry trends and best practices.

**Analyst Trainee – Infosys, Pune***October 2019 – February 2020*

- Completed a rigorous 6-month training program, focusing on Python and SQL with 93%.
- Demonstrated expertise in Object-Oriented Programming (OOP), solid principles, and a nuanced understanding of ACID properties in database management.
- Received specialized training in the JAVA-React Full-stack, encompassing both front-end and back-end development.
- Gained proficiency in Java for back-end processes and React by structuring responsive user interfaces.

**Intern - KasNet, Pune***August 2018 - April 2019*

- Collaborated closely with 9 other developers and 6 business and system analysts to create a cohesive finished product.
- Designed and tested 15 complex scripts, documenting 20 debugging processes to control errors and improve script efficiency. Used programming languages such as Java and scripting languages like JavaScript
- Authored and tested 10 enhancement feature requests, leading to a 25% increase in product efficiency and extended performance. Deployed version control systems such as Git for collaborative development.
- Persuaded technologies such as SQL and Java in Eclipse IDE during the internship to contribute to the development and testing processes.

**PERSONAL PROJECTS**

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**Health Prediction App:**

- Spearheaded an end-to-end project using the BMI Linear Regression Competition dataset from Kaggle to determine the health status of an individual, categorizing into labels such as Weak, Healthy, Obese, etc.
- Produced the app using advanced technologies, including Python for data analysis and linear regression modeling, and leveraged Flask, a web framework, to create a seamless and interactive user experience.
- Executed machine learning algorithms to perform health predictions based on BMI data, increasing the accuracy and reliability of the predictions.
- Deployed the Health Prediction App on the Herokuapp platform, allowing users to access and utilize the application remotely.
- Achieved successful deployment and ensured the app's scalability and responsiveness for a wide range of users.

**Sales Management Dashboard:**

- Led a comprehensive Data Analysis project with the goal of creating an executive sales report tailored to the business requirements set by the sales manager.
- Devised a robust Sales Management Dashboard using PowerBI, incorporating advanced data processing techniques.
- Performed Data Cleansing and Transformation in SQL to ensure the integrity and accuracy of the sales data.
- Applied Data Modeling and Visualization techniques within PowerBI, upgrading the dashboard's capability to present insightful and actionable sales insights.
- Met the business requirements, providing the sales manager with a powerful tool for strategic decision-making.

**CERTIFICATIONS**

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- Google Analytics for Beginners
- Statistics for Data Science and Business Analysis
- IBM Data Science Specialization
- Microsoft Certified: Azure Fundamentals AZ-900 & DP-900
- Infosys Global Agile Developer Certification

**INTERESTS**

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Badminton, Swimming & Watching Movies