

Sameer Pramod Raut

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Experienced DevOps engineer 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 CI/CD 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 and Services: AWS (S3, RDS, DynamoDB, EC2, Lambda, CloudFront, Route53, IAM, SNS, SQS, CloudWatch), Azure

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

Strong Knowledge of Microsoft Excel and Linux

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

Cloud Resume Challenge:

- Integrated AWS services like S3, CloudFront, DynamoDB, API Gateway, and Lambda for website deployment and functionality.
- Developed a professional HTML resume styled with CSS and deployed it as a secure static website using Amazon S3 with HTTPS support via CloudFront.
- Implemented dynamic features such as a visitor counter using JavaScript, integrated with DynamoDB for data storage and retrieval.
- Created a robust backend infrastructure using Python and AWS services like Lambda, API Gateway, and DynamoDB, adhering to best practices for reliability and scalability.

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.

CERTIFICATIONS

- 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

Badminton, Swimming & Watching Movies