

# Saif Rahman Syed

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## EDUCATION & QUALIFICATIONS

Warwick Business School,

**MSc Management of Information Systems and Digital Innovation**

September 2024 - August 2025

Relevant Modules: Artificial Intelligence and Data Analytics, Digital Business Strategy, Cybersecurity in Business

Grade: Distinction (Provisional)

SRM Institute of Science and Technology,

**BTech Electronics and Instrumentation**

June 2015 - May 2019

Percentage: 80.61%

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## WORK & LEADERSHIP EXPERIENCE

Schneider Electric, Coventry, UK, **Data Science Consultant**

April 2025 - Present

- Built a real-time data streaming pipeline using Apache Spark to ingest and process IoT sensor data from smart buildings
- Performed predictive analytics to identify energy-intensive zones across building systems, enabling targeted feedback and operational optimisations
- Led research on development of a generative AI-powered tool leveraging LLMs to automatically detect energy inefficiencies, transforming insights into actionable recommendations and reducing manual analysis time by 80%

LSHTM UK and Sangath, Remote, **IT Consultant**

September 2024 – March 2025

- Directed IT strategy for an automated messaging system delivering 50+ targeted communications to over 200 participants
- Developed a serverless event-driven architecture using WhatsApp API and AWS Lambda for data collection and conversational workflows
- Facilitated requirements gathering with diverse stakeholders (including researchers) to convert research findings into a secure AWS DynamoDB platform ensuring HIPAA-compliant data privacy

Deloitte, Mumbai, MH, **Consultant**

January 2020 - September 2024

- Developed and maintained a scalable API test automation framework using Java, Selenium, and Rest Assured, achieving 95% test coverage across critical endpoints for financial services platforms
  - Designed test strategies and execution plans in collaboration with stakeholders for placing complex risks on the Lloyd's of London insurance market via APIs
  - Authored and maintained 1000+ UI and API testing scripts, reducing manual testing time by 70% and enhancing regression testing efficiency
  - Led a team of 10 engineers conducting integration, end-to-end, and functional testing in agile test cycles on microservices-based financial services platforms, improving delivery timelines by 35%
  - Collaborated with developers, testers, analysts, architects, and product owners for defect triaging, bug tracking, sprint reviews, and troubleshooting complex technical issues
  - Created and maintained CI/CD pipelines using Azure DevOps and Jenkins, implementing automated smoke testing for post-deployment validation and critical path verification, reducing deployment failures and ensuring zero-downtime releases
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## SKILLS & INTERESTS

- **Programming Languages:** Python, Java, JavaScript
- **Machine Learning & AI:** Scikit-learn, Pandas, NumPy, PyTorch, FastAI, LangChain
- **Cloud Platforms:** AWS (Lambda, DynamoDB, S3, EC2), Azure (AI Services, DevOps)
- **Data Engineering:** Apache Spark, PostgreSQL, MySQL, MongoDB
- **DevOps & Automation:** Jenkins, Azure DevOps, Git, Docker, CI/CD Pipelines
- **Data Visualization:** Power BI, Tableau, Plotly, Seaborn, Matplotlib
- **Testing & Quality Assurance:** Selenium, Rest Assured, HP ALM, Automated Testing Frameworks
- **Project Management:** Jira, Notion, Agile/Scrum Methodologies
- **Certifications:** Azure AI Fundamentals (Microsoft), Google Data Analytics (Coursera)