

Sagar Agarwal

DATA SCIENTIST

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Objective

Software developer with 4+ years of experience in SharePoint, React, and Azure, currently pursuing an MSc in Data Science at the University of Leeds. Seeking data analyst or data science roles where Python, SQL, Tableau, and cloud experience can be applied to build scalable analytics solutions and drive data-driven decisions.

Experience

MUFG — Analyst, India

2023-2025

- Engineered and optimized SharePoint Online solutions with multilingual support and advanced business workflows, boosting operational efficiency by 20% for global users across diverse regions and languages.
- Designed and implemented SPFx web parts and Power Platform apps/flows to streamline departmental operations, cutting average process turnaround time by 60%—from 5 days to 2 days.
- Upskilled on Microsoft Viva to design and build an employee engagement platform in-house, saving the organization over SGD 100,000 in potential outsourcing costs.
- Mentored 4 interns in SharePoint, frontend development, and Azure; led PoCs for a leave portal and desk allocation system, adopted organization-wide, saving 20 hours monthly per employee and reduced costs by 5%.
- Partnered with DevOps and Cybersecurity teams to establish automated deployment pipelines and securely roll out Power Platform access across the organization with standardized governance and monitoring frameworks.
- Authored comprehensive design documents, standard operating procedures, and technical guides to ensure consistent solution delivery, maintainability, and effective knowledge transfer across teams.

TCS — Software Developer, India

2021-2023

- Implemented enterprise-grade solutions using SharePoint, and React, ensuring high reliability, secure data handling, and adherence to best practices.
- Executed large-scale SharePoint migrations of ~90TB of complex data over 3 months, ensuring data integrity, security compliance, and minimal business disruption.
- Automated administration and data processing tasks using PowerShell, cutting manual workload and minimizing errors.
- Directed client consultations and authored detailed technical documentation, enabling accurate project delivery and enhanced stakeholder satisfaction.
- Conducted training sessions for developers of varying experience levels, providing overviews of new frontend technologies such as React and Microsoft Cloud platforms.

Projects

E-commerce Data Analysis Dashboard (Tableau)

Built interactive KPI and product performance dashboards using SQL-backed datasets and the SQCA framework to guide decisions.

Credit Line System

Developed a banking task web part that enabled business users to create, amend, and cancel credit line requests, reducing processing time by 40% and eliminating manual errors.

Metadata Manager

Developed a Metadata Manager web part that streamlined managements of specific metadata term sets, reducing administrative workload by 50% and enabling real-time updates while keeping central repository secured.

Financial Transactions Manager (Personal Project)

Built a personal project combining frontend development and data analysis to manage financial transactions improving traceability and supporting real-time reporting for over 25 users.

Skills

Programming & Development: Python, JavaScript, React, PowerShell.

Data & Analytics: EDA, Data Visualization, Pandas, Tableau, SQL.

Platforms & Tools: Azure, SharePoint Online, Power Platform, GitHub, Azure DevOps, Confluence, Jira.

Collaboration: Mentoring, Stakeholder Management, Technical Documentation.

Education

University of Leeds — MSc Data Science (In progress, 2025–2026 expected)

Core focus: Python for data analysis, SQL, statistics, machine learning, and data engineering workflows.

R.G.P.V, B.E. Computer Science (2016–2020)

Core focus: Overall Software Development, Development life Cycle, Frontend development using React.

Extracurricular

- Tech mentor for interns in SharePoint and cloud.
- Engaged in and guided gaming tournaments, completed treks across 7 mountains and a national park, and travelled to 2 countries, developing cross-cultural communication and strategic planning skills.