

SAIF ALRAMAHI

Data Engineer & Cloud Developer | PhD Researcher

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Birmingham, UK

Data engineer and cloud solutions developer with 3+ years of experience designing and deploying data-driven platforms in enterprise environments. Currently pursuing a PhD in building automation and semantic ontologies, while teaching postgraduate modules in sustainable construction. Independently build full-stack web platforms, AI agents, and RAG-enabled chatbots for early-stage ventures and personal projects. Proven ability to translate complex technical challenges into scalable, user-focused solutions across academic, enterprise, and start-up settings.

EXPERIENCE

VISITING LECTURER

Birmingham City University

July 2025 - Present

- Teach postgraduate modules on sustainable construction
- Develop and deliver lectures, workshops, practical assignments, and assessments

CO-FOUNDER & DEVELOPER

Sharedish

September 2024 - Present

- Built MVP of Sharedish: a meal-sharing donation platform
- Delivered full-stack architecture using React, Next.js, Firebase, Stripe

DIGITAL INNOVATION PRACTITIONER

University College Birmingham

June 2024 - February 2025

- Led Innovate UK-funded programme bridging SMEs with academic resources
- Delivered workshops on digital transformation for West Midlands businesses

AZURE DATA ENGINEER

Kagool

September 2021 - February 2024

- Developed, and managed Azure-based enterprise data migration platform (Velocity)
- Led the design and implementation of a metadata-driven platform for Al-Futtaim Group (UAE), supporting data migration, pipeline orchestration, observability, and governance

SKILLS

- Azure: Data Factory, Databricks, Functions, Data Lake
- Data pipeline design, ETL, ELT
- Python, PySpark, Pandas
- React, Next.js, Node.js, Typescript
- SQL, MongoDB, Firebase
- LangChain, LangGraph, RAG pipelines
- Git, Azure DevOps, CI/CD
- Teaching & curriculum design
- Communication
- Stakeholder engagement
- Problem solving
- Adaptability

EDUCATION

PHD IN BUILDING AUTOMATION AND CONTROL

Birmingham City University, 2024- Present

MSC RENEWABLE AND SUSTAINABLE ENERGY TECHNOLOGIES

Northumbria University, 2020- 2021