

# Sukant Sondhi

 [GitHub](#) |  [LinkedIn](#) |  [Website](#)

A dynamic professional excels in DevOps methodologies and harbours a zeal for public speaking. Recognized for a meticulous work ethic, an eagerness to embrace challenges, and a track record of dependable performance. Possesses strong listening abilities paired with notable communicative prowess and maintains a constant curiosity for learning.

## Experience

### Microsoft – Paddington, London

Developer Audience Specialist | 08/2023 – 08/2024

- **One of the 4** Developer Audience Specialists **in the UK**, working closely with the GitHub team to educate customers regarding Microsoft and GitHub products. Working in **PS** and **FSI** to improve customer relations. Microsoft Specialist for products like GitHub Everything (Including GitHub Co-Pilot), **Microsoft DevBox**, **Visual Studio** and **VS Code**.

### Microsoft – Reading, Berkshire

Azure App & Innovation Technical Specialist | 07/2023 – 08/2023

- Working with our partners to drive solutions with measurable value, helping customers **run** their **businesses more cost-effectively** and **efficiently**, and giving them a **competitive edge** in their marketplace.

## Projects

### QR Guardian

- QR Guardian is a comprehensive solution designed to display the status of alarms on a live map hosted on a web page, with updates provided by **remote IoT devices**. Key features include **real-time visualization** of alarm statuses, integration with IoT devices, **event-driven workflows** for specific alarm events, and an **IoT simulator for testing**. The project emphasizes resilience, scalability, agility, and cost-effectiveness, leveraging cloud economics. It incorporates a **robust DevOps strategy** with **CI/CD pipelines**, ensuring seamless updates. The architecture includes IoT devices, a simulator, **backend services**, a web-based frontend, event processing, and **scalable cloud infrastructure**.

### Path Finder

- This project implements various uninformed search strategies in **Prolog** to navigate a house layout, focusing on finding paths between locations, performing **bi-directional searches**, and **incorporating costs** to determine the cheapest paths. Key predicates include those for **pathfinding**, bi-directional search, and finding the shortest path. The predicates define room connections, while utility predicates assist in traversal and **path manipulation**. The project effectively handles different scenarios, avoids loops, and provides meaningful error messages, making it **a robust solution for pathfinding** in a graph of interconnected rooms.

### Intelli-PID

- A model that digitally represents P&ID diagrams in a **graph structure** based on scans or pictures of printed diagrams and build an AI solution to interpret the diagram in a way that allows users to leverage **conversational AI** to enquire about the diagram, understand connectivity and components involved and potentially also help with issues or preventive maintenance. I am doing this with the help of **Azure OpenAI** for my University Final Year Project.

## Education

Royal Holloway, University of London

Bachelor of Science (Sep 2021 – June 2025)

**Artificial Intelligence**

## Skills

- |        |          |       |                      |                 |
|--------|----------|-------|----------------------|-----------------|
| ▪ C    | ▪ Python | ▪ OOP | ▪ Prompt Engineering | ▪ Quick Learner |
| ▪ Java | ▪ GitHub | ▪ Git | ▪ Cloud Computing    | ▪ Leadership    |
| ▪ .NET | ▪ Azure  | ▪ TDD | ▪ Azure DevOps       | ▪ MS Office     |

## Awards

- **Microsoft Solutions Award 2024**
- Royal Holloway, University of London 2022-23 Sports Leadership Award
- Royal Holloway, University of London 2021-22 Sports Volunteering Award