# Rayan Sheikh

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## **ABOUT**

Rayan Sheikh is an experienced programmer with lots of experience in AI and ML. Focuses on building technology for the next generation and has helped others with programming. Seeking challenges, during hackathons, has managed two teams working on different projects, one relating to mental health and the other to sustainability.

# **SKILLS**

- Client Management
- Software Development
- Artificial Intelligence (AI)
- Machine Learning (ML)
- Statistics
- Data Analytics

- Data Engineering
- Data Visualisation
- Python
- Java
- API
- Power BI

- Software Design
- SQL Server
- OOP
- Android Development
- Git
- GitHub

## **EXPERIENCE**

09/2023 - 09/2024

#### Software Engineer Intern, Budget Plus Services LTD

- Led a project to migrate a legacy customer database from onpremises servers to Cloud, resulting in a 75% reduction in operational costs.
- Developed a new internal web application to streamline vehicle maintenance and data integrity, reducing errors by 60%.
- Collaborated with cross-functional teams to ensure the application met business requirements and user needs, increasing employee satisfaction by 40%.

01/2022 - 01/2022

#### IBM Data Science Professional Certificate (Hons), Coursera

- Implemented an interactive dashboard using Dash and predicted correctly 98% of flight delays.
- Implemented Sci-Kit Learn to create models from linear regression, 97% accuracy, to logistic regression, 98% accuracy.
- Incorporated Seaborn to help find the relevant model and increase accuracy (97% to 98%).

10/2019 - 10/2019

#### Technical Assistant, PC & Mobile Solutions LTD

- Fixed 100% of issues in devices, including display and connectivity issues.
- Upgraded 25% of devices' secondary storage from a HDD to a SSD – 10% above target.
- Tested and maintained the quality of 100% of device stock.

# **EDUCATION**

05/2026 - **BSc (Hons) Computer Science**, Westminster University

05/2024 - 2:1 **BSc (Hons) Computer Science**, Newcastle University

05/2022 - First **BSc Computing Science**, University of Aberdeen