Nowres Al-Rubaie

- London, UK
- n.alrubaie@outlook.com
- linkedin.com/in/nowres-al-rubaie
- github.com/n-al-rubaie

SUMMARY

Aspiring software engineer, **seeking for an entry-level software engineer position (preferably in Python).** Currently contributing to open-source projects. Created multiple programs including a RESTful API Authentication Login System, an AI Vacuum Cleaner, The Travel Advisor App and a UK Path Finder. Led a team of 3 in developing a website for Affinity Aviation Group Ltd. SQL Computer Lab Assistant at Roehampton University.

EDUCATION

Computer Science BSc, First Class Honours - Roehampton University, London – 2024

SKILLS

Programming languages	**Python (core language)**, JavaScript (intermediate), SQL
Tools	Git, Postman, MongoDB, Docker, Kubernetes, Airflow

EXPERIENCE

Coding Teacher | Coco Coders / Cypher Coders   May 2023 – Present

- Teaching Python, JavaScript, HTML, CSS and Scratch to students aged 8 – 16.
- Delivering engaging and interactive lessons both online and in-person.

Software Engineer & Team Leader | Roehampton University   May 2024 – August 2024

- Led a team of 3 to build a website for Affinity Aviation Group Ltd (flightguardians.com) with WordPress.
- Served as the main contact for Affinity Aviation Group Ltd, ensuring alignment and client satisfaction.
- Gathered requirements, defined objectives and delivered projects on time and within budget.
- Provided technical guidance and mentorship to team members.

SQL Computer Lab Assistant | Roehampton University   Jan 2023 – April 2023

- Worked with the lecturer, ensuring that the class was structured and coordinated.
- Provided live assistance to students by addressing a range of issues, including errors, difficulties and confusion related to installation, software and code.
- Supported students to complete coding tasks in SQL.
- Explained SQL concepts that students didn't understand.

PERSONAL PROJECTS

Authentication Login System   GitHub Link: **github.com/n-al-rubaie/Authentication-Login-System**

- Built a secure RESTful API with Node.js, Express and MongoDB using JWT and HttpOnly cookies.
- Implemented authentication features including signup, login, logout, email verification and password reset.
- Integrated OAuth to enable secure social sign-in via Facebook, Google and GitHub.

AI Vacuum Cleaner Simulator   GitHub Link: **github.com/n-al-rubaie/AI-Vacuum-Cleaner-Simulator**

- Designed and implemented an AI-powered vacuum cleaner simulator in Python.
- Integrated algorithms for efficient pathfinding and obstacle avoidance in dynamic environments.
- Developed visualisation features to display real-time decision-making processes.

The Travel Advisor App   GitHub Link: **github.com/n-al-rubaie/Travel-Advisor-Mobile-App**

- Developed a search optimisation app using React Native, helping users to find restaurants, hotels and attractions worldwide.
- Incorporated the Google Places API for multilingual search and the Travel Advisor API for accurate results.
- Compatible with iOS and Android devices (via Expo Go).

Finally, I am a British citizen and a native English speaker with fluency in Arabic (speaking, reading and writing).