Reuben George

Junior Software Engineer

Python engineer offering 2 years of experience and exceptional problem solving and critical thinking skills.

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📍 Birmingham, United Kingdom

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WORK EXPERIENCE

Junior Software Engineer
Goldman Sachs consulting via _nology.io

03/2022 - Present   *Birmingham*

Achievements/Tasks

- Developed RESTful APIs for web applications using the FastAPI and Flask frameworks which were then deployed using AWS.
- Utilised SQLAlchemy as the ORM to interact with a postgres db including creating models and executing queries.
- Designed and implemented database schemas and models to support API functionalities using SQLAlchemy and Marshmallow.
- Refactored large portions of over-complicated code so that it would follow SOLID principles as best as possible.
- Actively participated in code reviews, providing feedback and suggestions to enhance code quality and maintainability.
- Mentored junior engineers, providing guidance on best practices, code organization, and API design principles.

Trainee Software Developer
_nology.io

10/2021 - 03/2022

_nology.io offers software development courses, after which you're loaned on-site as a consultant to one of their clients (Goldman Sachs) in my case

Achievements/Tasks

- Undertook a strenuous 12 week course focusing on teaching various front-end and back-end technologies, and industry best practices.
- Worked on a client project in the last 4 weeks as part of a back-end scrum to develop a web application built in Java using the SpringBoot framework.
- Awarded MVP (Most Valuable Programmer) and Most Helpful on completion of the course based on my contributions for the duration of the 12 weeks.

Research Assistant
University of Hertfordshire

06/2016 - 07/2016

Achievements/Tasks

- Wrote a full scientific paper titled "Analysing High Proper Motion Y-Dwarf Candidates".
- Awarded the Gold Crest Award for the paper & documentation on my placement.
- Conducted data analysis to extract viable Y-Dwarf candidates using python scripts.

EDUCATION

BSc Mathematics
University of Southampton

08/2016 - 06/2021   *Second Class Honours (Upper Division)*

TECH STACK

Python	●●●●●
JavaScript	●●●●●
Java	●●●○○
HTML	●●●●○
CSS	●●●○○
SASS	●●●○○
React	●●●○○
Git	●●●●○
Testing Frameworks (Pytest, Jest, Cypress)	●●●●○

SOFT SKILLS

Problem Solving   Communication   Teamwork

Time Management   Organised

Attention to Detail   Critical Thinking   Resilience

REFERENCES

Available upon request