

Simon Whelan

Software Engineer

A highly motivated and experienced professional seeking to transition into the field of software development and cybersecurity as a Junior Software / DevOps Engineer.

With a solid understanding of object-oriented programming, a 100% score in a software engineering bootcamp (ranking in the top 2% of 300 students), and 2 years of self-taught experience, I am equipped to produce and evaluate code in a wide range of front and back-end technologies.

My background in senior hospitality operations and management, including experience in creative problem solving, logical thinking, and team management, gives me a wealth of skills transferable and relevant to a Junior Software Engineer or DevOps role.

Contact

Location

Durham, UK

E-mail

simon@swhelan.dev

Personal Website

<https://siwhelan.dev/>

Github

<https://github.com/siwhelan/>

LinkedIn

<https://www.linkedin.com/in/simon-whelan-053512256>

Software

Python

HTML / CSS

Django

Bootstrap

MongoDB

AWS / Microsoft Azure

Linux

Relevant Experience

2022-04 - Software Engineering

Current

HyperionDev & Imperial College London - Remote Learning
Recently graduated from a Level 4 Software Engineering course with co-certification from Imperial College London.

2020-03 - Software Development

2022-10

Self-Education - Remote Learning

Two years self-taught coding experience, using platforms such as Codecademy, Udemy and Freecodecamp.

Recent Projects

<https://github.com/siwhelan/stockControl>

Django web app streamlining catering operations with stock control, recipe/costing management, ordering, waste control and gross profit guidance. Built using industry experience for user-friendly food cost monitoring and kitchen management.

Tech Stack: Python, HTML, CSS, JavaScript, Bootstrap, MongoDB

https://github.com/siwhelan/CI_CD

Flask web application demonstrating a simple and efficient CI/CD pipeline using GitHub Actions and Azure Web Apps. The app itself is a webpage providing insights into the project's structure, its CI/CD pipeline, and the benefits of containerization with Docker. Includes hands-on experience of secrets management for secure deployment.

Tech Stack: Python, Flask, Docker, GitHub Actions, Azure Web Apps

Personal Attributes

Creative problem solving

Logical thinking capability

Flexible and Adaptable

Positive, Energetic and Proactive

Highly Efficient

Team Minded

Other Info

Formally Educated to A-Level Standard

Enhanced DBS

Fun Fact

Digital Music Producer & Sound Engineer - I have tracks released on all major streaming platforms and have had support from some of the world's top DJ's.

References

Work-based and personal references available upon request.

https://github.com/siwhelan/pass_manager

A Python CLI tool for secure password management. It uses AES encryption, PBKDF2 key derivation, and bcrypt hashing for user authentication. Passwords can be manually entered or randomly generated and are stored encrypted in MongoDB. A user-friendly interface provides easy password storage, retrieval, and management.

Tech Stack: Python, AES, PBKDF2, bcrypt, MongoDB.

Currently Working Towards

AWS Certified Cloud Practitioner

CompTIA Security+ Certification

Previous Career History

2021-04 - Executive Chef

Current

Aspens Services, Durham

- Ensured compliance for menu items and customer requests.
- Upheld high food quality standards.
- Managed business operations, stock control, and customer service.
- Trained and developed kitchen staff, handling disciplinary actions and performance reviews.
- Created innovative menu offerings for increased company awareness and customer satisfaction.

2020-08 - Regional Kitchen Operations Manager

2021-04

Pizza Punks, Hell Yeah! Hospitality, UK Wide

- Managed multi-award-winning venues, ranked in the top 10% worldwide by TripAdvisor.
 - Travelled to four locations weekly for store management and performance reviews of managers and employees.
 - Implemented and improved existing processes for enhanced organisational culture, efficiency, and company growth.
 - Fostered a high-quality work environment, evidenced by employee satisfaction and retention ratings.
 - Excelled in fast-paced environments and tight deadlines.
 - Organised, detail-oriented, and self-motivated with a strong work ethic and sense of personal responsibility.
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