

PELE MAYLE

Full-Stack Developer

@peleiwnl@gmail.com [linkedin.com](#) [Portfolio](#) [Cornwall, United Kingdom](#)

SUMMARY

Motivated and detail-oriented software engineering graduate from Swansea University seeking employment to apply strong programming and teamwork skills to support software projects. Committed to collaborating with cross-functional teams and learning from experienced professionals, leveraging skills in areas such as software development and machine-learning. My goal is to collaborate on impactful projects to develop solutions that enhance business performance.

NOTABLE INDIVIDUAL PROJECTS

Social Blog App

Bloggit

- A full-stack web application similar to Reddit, where users can create, modify or delete posts.
- Users can filter or search for specific posts, tags also associated if required.
- Implements broadcasting for real-time notifications.
- An additional news tab fetching the latest news from an online API is also provided.
- Administrator, moderator and standard user privileges are also implemented for authenticated users.

Quiz App

Quiz ZAP!

- A full-stack Android mobile application, fetching quiz questions from an online API which is displayed to the user.
- Gamification implemented using a point system and leaderboards for added interactivity. Users can also gain a streak for answering a daily question.
- Customisation for quizzes is provided, as well as random facts that can be saved to profiles.
- Leaderboards display the users with the highest scores, reset weekly and monthly.
- Users can customise their profiles to their liking.

Keylogger Detection Comparison Modules

Dissertation

- An in-depth analysis on current keylogger detection techniques.
- Four detection modules were created: Signature-based, API-Hooking, Machine-Learning and Network Analysis.
- Each module was tested and compared using real-world samples.
- It was documented that a hybrid approach involving a mixture of different detection techniques proved to be the most effective.

Check GitHub for full list of projects: github.com/peleiwnl

EDUCATION

BSc in Software Engineering

Swansea University

📅 09/2022 - 06/2025 [Swansea, Wales, United Kingdom](#)

INTERESTS



Continuous Learning in Software Development

Eagerly pursuing development opportunities to stay at the cutting-edge of software-engineering advancements, such as new languages and AI.



Fitness Enthusiast

A strong passion for lifting and general health as it has been a staple for discipline, motivation and mental fortitude in my journey.

CERTIFICATIONS



Git and GitHub Certificate by Google

Teaches how to use GitHub collaboration for managing code including Git version control.



Foundations of Cybersecurity by Google

Teaches core skills and knowledge for becoming a cybersecurity analyst, granting the ability to identify how security attacks impact business operations and common tools used in attacks, along with the ethics behind security.

SKILLS

Languages

Java	Python	C++	Kotlin	SQL
PHP	Lua	Haskell		

Frameworks

Laravel	Livewire	NodeJS	Spring
---------	----------	--------	--------

Technologies

Git	IntelliJ	Visual Studio	MySQL
Firebase	Docker		

Other

Version Control	Documentation
Agile Methodologies	CI/CD
Unit Testing	

RELEVANT ACCOLADES

Best Speech Award

Best speech about dissertation delivered to the cohort at the 2024 Gregynog conference.

First Class Honours

Achieved a First Class Honours when graduating from Swansea University.

STRENGTHS



Strong work ethic and self-motivated

Constantly go above and beyond to deliver results, even under tight deadlines.



Detail-oriented and quality-focused

Ensure solutions meet high standards through rigorous testing and refinement.