PELE MAYLE

Full Stack Developer

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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.