Wallyson Alves

Software Engineer - London, UK

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ABOUT

Software Engineer with a strong foundation from university studies and self-taught projects. Skilled in full-stack development, problem-solving, and building scalable applications. Excited to apply my knowledge and grow by contributing to impactful projects.

WORK EXPERIENCE

Freelance Web Developer   Nov 2024 - Present
Next.js, TypeScript, Tailwind CSS, JWT, MySQL
- Developing a website for a client with Next.js, TypeScript, and Tailwind CSS.
- Implementing secure JWT authentication and integrating third-party login (Google, Facebook).
- Integrating a MySQL database to ensure seamless compatibility with legacy data from the client's previous website.

Apple | **Technical Expert** | London, UK   June 2022 - Present
- Resolved 60+ technical issues weekly using a creative and thorough approach, enhancing user experience and achieving high customer satisfaction.
- Diagnosed and repaired devices, managing multiple repairs while meeting quality standards.
- Mentored 5+ team members, increasing team efficiency by 20% and maintaining a 100% repair success rate through effective collaboration and communication.
- Developed transferable skills in debugging hardware/software issues, documenting technical processes, and managing complex workflows, ensuring smooth operations and consistent results.
- Actively contributed to an inclusive work environment, celebrating diversity within the team and encouraging mutual respect and learning.

PROJECTS

Online Book Review | Node.js, Express.js, MongoDB, JWT, Jest, OpenLibrary API, React.js, Tailwind CSS
- Built a book review web application featuring a REST API and OpenLibrary API integration.
- Designed a secure MongoDB database schema with Mongoose to store user data and reviews and developed user authentication with JWT and role-based access control.
- Wrote comprehensive tests using Jest to ensure application stability. Github

TechQ&A | PHP, CodeIgniter, REST API, MySQL
- Developed a Q&A web application with voting and discussion features. Integrated RESTful API and optimised MySQL database for performance. Github

Weather Tourist Utility App | SwiftUI, MapKit, CoreLocation, REST API
- Developed an iOS app integrating real-time weather data and tourist attractions, utilising the OpenWeatherMap API and MapKit. Github

EDUCATION

University of Westminster - London, UK   Sep. 2021 - June 2024
BSc Computer Science (First Class Honours)
Key Modules:
Software Development (I & II), Web Design, Object-Oriented Programming, Database Systems, Cyber Security, Client-Server & Advanced Server-Side Architectures, Applied AI, Mobile Native App. Dev.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, Swift, PHP
- **Frameworks & Architecture:** Node.js, Express.js, React.js, Next.js, MVVM, MVC
- **Databases:** MongoDB, MySQL, Firebase, Supabase
- **Tools:** Tailwind CSS, Jest, JWT Authentication, Agile, Git, GitHub
- **Soft Skills:**
  - Team Collaboration, Problem-Solving, Critical Thinking
  - Debugging & Troubleshooting, Software Testing
  - Efficient Time Management, Attention to Detail