

Ethan McLean

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Versatile software developer with over 3 years of experience in delivering innovative technology solutions

Experience

Software Developer, Cojebro - Madrid

June 2021 – April 2025

- Built and developed a multiplatform insurance policies tool with **React** that allowed stakeholders to review policies and create claims resulting in a 50% time efficiency boost
- Acquired hands-on experience with backend functionality using **Node.js**
- Developed a rich and intuitive user experience with a full responsive layout using **Tailwind**
- Optimized codebase to reduce database (**PostgreSQL**) calls and improve **RESTful API** response times by 10%
- Collaborated with senior engineers in an **Agile** environment to implement scalable solutions
- Tested and maintained applications using **SOLID** coding principles while delivering new features and addressing bugs.
- Created **authentication & authorization** using a token based approach, role-based access control and permission based UI rendering

Software Developer Intern, VASS - Madrid

- Created customizable **JavaScript** components, empowering users to modify styles, usability and functionality
- Revamped **UI** components using **Tailwind CSS**, aligning with Material UI themes for seamless integration and improved user experience
- Worked using **CI/CD pipelines** to deliver new versions of software
- Participated in code reviews to uphold **high code quality**, providing constructive feedback to the team

Education

CampusFP, Certificate of Higher Education in Multiplatform App Development (HNC)

Sept 2019 – June 2021

- **Coursework:** Programming fundamentals, Data Structures and Algorithms, Mobile Application Development, Cross-Platform Frameworks, User Interface (UI) and User Experience (UX), Backend Integration, Testing and Debugging, Security and Performance Optimization, SEO

Technologies

Languages: Javascript (ES6+), TypeScript, PostgreSQL, HTML, Tailwind CSS, Python

Technologies: React, Node.js, Git, Vitest, PostgreSQL, RESTful API, Redux