Alexander Halsey
Fullstack Software developper

Software Developer with 3 years of experience specializing in web applications. As a self-taught programmer, I possess a strong work ethic and thrive in roles where I independently drive projects from start to finish. Skilled at analyzing needs and solving complex problems, I am equally flexible and eager to collaborate with passionate teams to learn and grow. My focus is on writing code that positively impacts our society.

Contact

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Qualifications

2022
RNCP Level 6 Certificate
Web & mobile application development project manager
La Capsule | Marseille, France

2013-2018
Beng Civil Eng - Ordinary Degree
Bachelor's degree in Civil Engineering
Heriot-Watt Univ. | Edinburgh, Scotland

2011-2013
International Baccalaureate 33/45
Institut Le Rosey | Rolle, Switzerland

Languages

English ▬▬▬▬▬▬▬▬
French ▬▬▬▬▬▬▬▬
Spanish ▬▬▬▬▬▬▬

References

Available upon request.

Experience

July 2022 - Present
Happytal, 59 Rue Pernety, 75014 Paris, France
Junior Software Developer

I developed a variety of back-office microservices used by our internal teams to assist hospital clients, helping streamline processes and meet key performance indicators. I used Vue.js and TypeScript to build user-friendly interfaces, followed SPA design principles, and helped develop and maintain a centralised UI design system to ensure consistency across applications. I collaborated with senior developers, writing pull requests and incorporating feedback to improve code quality. Additionally, I worked with product owners and peer developers to brainstorm solutions and align on project goals, contributing to both technical and business objectives. To enhance reliability and scalability, I implemented end-to-end and unit testing using Cypress and Jest, developed reusable components, and wrote clean, well-documented code. On the backend, I utilised the NestJS framework on the backend with PostgreSQL as a database and ORM tools to ensure efficient data management. I also worked with Git, Docker, Kubernetes, and Azure DevOps for CI/CD pipelines and gained experience with proxy gateways / load balancers to optimise communication between services.

April 2021 - December 2021
Institut Vajra Yogini, Les Clauzades, 81500 Marzens, France
Volunteer Programmer

I developed a donation management system using Python/Django and JavaScript that enabled the institute's admin to track donations, manage donor information, generate individual and annual fiscal PDF receipts, and schedule email dispatches. This project was fully comprehensive, covering CRUD functionality, frontend and backend processes, REST APIs, external libraries, and various architectural design patterns. As a self-taught developer at this stage, I adopted a proactive, problem-solving approach, demonstrating my ability to tackle challenges independently and continuously learn new technologies.

Tech Stack