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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🌐 <u>alexanderhalsey.github.io</u>

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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

Junior Software Developer | June 2023 - June 2025
Happytal, 59 Rue Pernety, 75014 Paris, France

I developed back-office microservices to support hospital clients and internal teams, streamlining processes and meeting key performance indicators.
• Designed and maintained a centralized UI design system for consistency across applications.
• Collaborated with product owners and peer developers to define project goals and solutions.
• Implemented CI/CD pipelines with Git, Docker, Kubernetes, and Azure DevOps.
• Optimized service communication using proxy gateways and load balancers.

Freelance Web Developer | January 2023 - June 2023

• Built user-friendly interfaces using Vue.js and TypeScript, following SPA design principles.
• Wrote pull requests, incorporated feedback, and worked closely with senior developers to improve code quality.
• Developed reusable components and maintained clean, well-documented code.
• Enhanced reliability with end-to-end and unit tests using Cypress and Jest.

Software Developper Intern | July 2022 - January 2023
Happytal, 59 Rue Pernety, 75014 Paris, France

• Contributed to backend development using NestJS and PostgreSQL, ensuring efficient data management.
• Gained experience working with ORM tools and database optimization.
• Assisted in debugging, troubleshooting, and improving application performance.
• Learned and applied best practices in software development and team collaboration.

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

I developed a donation management system enabled the institute's admin to track donations, manage donor information, generate individual and annual fiscal PDF receipts, and schedule email dispatches.
• Python/Django & JavaScript – Backend logic with Django, interactive UI with JavaScript.
• CRUD functionality – Managed donor and donation records.
• Frontend & backend integration – Ensured seamless data flow.
• REST APIs – Secure data retrieval and updates.
• External libraries – Used for PDFs (ReportLab) and email automation.
• MVC architecture – Maintained clean, scalable code.
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.