

WILL KIRKPATRICK

Software Developer

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A curious and self-driven software developer with a strong mathematical background and four years' experience delivering web and systems solutions across front and back-end environments.

Skilled in JavaScript, AWS, PHP, MySQL, and modern development workflows. Known for combining analytical thinking with practical delivery, helping teams streamline processes and build efficient tools. Now looking to apply my full-stack experience in a role where I can grow both technically and professionally.

EDUCATION:

- 2025-Present:** **University of East London – Computer Science MSc**
Modules: Software Engineering, Cloud Computing, Computer Architecture, and Database Systems.
- 2025:** **AWS Certified Cloud Practitioner**
- 2015-2019:** **University of Nottingham - BSc (Hons) Mathematics**
- 2013-2015:** Charterhouse School
A-Levels: Maths A*, Further Maths A*, Physics A*, Spanish A.

EXPERIENCE:

Sept 2021 – Aug 2025: Wine-Searcher UK - Web Developer and Systems Administrator

- A tech company used to find, compare and buy wines, beers and spirits.
- Developed a custom Shopify-connected cart interface using JavaScript and GraphQL, improving the checkout experience and data synchronisation.
- Played a key role in the establishment of an independent development team as one of its first members; helping to define and improve the deployment cycle and ways of working.
- Worked across a large legacy codebase on a diverse range of front-end and back-end tasks, including Oracle database maintenance, PHP backend development, and implementing Figma designs in HTML, CSS, and JavaScript.
- Gained hands-on experience in the full development lifecycle by actively participating in all stages, from planning to deployment.
- Successfully designed and implemented a custom employee timesheet system using PHP and MySQL and hosted on AWS.
- Provided technical support to other staff members to ensure they could continue to work at full capacity by making sure various company systems remained operational e.g. AWS workspaces and database queries.

2020: _nology - Web Development Bootcamp

- Completed a 12-week, full time software development course remotely during the pandemic. Learnt core web development skills as well many practical skills used in the industry such as pair programming and backlog creation with a modern development stack of React and Typescript.
- Jointly led and delivered a client project over 4 weeks to practice skills learnt and more realistically experience liaising with a product owner and building to specifications.

SKILLS:

- **Modern Stack:** JavaScript (ES6+), TypeScript, React, GraphQL, Node.js
- **Backend & Cloud:** PHP (Yii2), MySQL, AWS, Python
- **Tools:** Git, Docker, CI/CD, Agile/Scrum

HOBBIES:

Rugby, Rowing, Skiing, Tennis, Gaming, Spanish (advanced level)