

Contact

Phone

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Email

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Links

<https://willkirkpatrick.dev/>

<https://github.com/WillKirk>

Skills

Core

- Javascript (ES6)
- Typescript
- PHP (Yii2)
- MySQL
- AWS
- REST APIs

Also experienced with

- React
- Python
- Flask
- Node.js
- GraphQL
- Oracle
- HTML
- CSS

Tools

- Git
- CI/CD
- Agile/Scrum
- SVN
- Vercel
- Cloudflare

Hobbies

Tennis, Gaming, Skiing, Spanish
(advanced level)

WILL KIRKPATRICK

Full-Stack Developer

Experience

Full-Stack Developer

2021 - 2025

Wine-Searcher UK

- Developed a custom Shopify-connected cart interface using JavaScript and GraphQL, improving the checkout experience and data synchronisation.
- Developed and maintained features across a large legacy codebase, spanning PHP backend logic, Oracle database queries, and JavaScript/SCSS frontend work.
- Played a key role in establishing an independent development team as one of its first members, helping define deployment processes and ways of working.
- Successfully designed and implemented a custom employee timesheet system using PHP and MySQL and hosted on AWS.
- Maintained data integrity between Oracle and Solr search indices, diagnosing and resolving query failures caused by data inconsistencies.

Education

MSc Computer Science

2025 - present

University of East London

AWS Certified Cloud Practitioner

2025

Amazon Web Services

Web Development Bootcamp

2020

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12-week full-time programme delivering a client project in React and TypeScript, with agile workflows and pair programming throughout.

BSc (Hons) Mathematics

2015-2019

University of Nottingham

Projects

FinTrack

Full-stack finance dashboard (Next.js, TypeScript, MySQL, NextAuth) with CSV import, budget tracking, and savings goals.

Abney Village

Community website (Flask, TypeScript, Cloudflare R2) with custom carousel/lightbox and contact form integration.

Steam Dashboard

Flask/Python app consuming the Steam Web API to visualise game library and achievement stats with Chart.js.