

# Harry Campbell

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## SUMMARY

I'm a self-taught software engineer with 4 years of experience, mainly working with React and TypeScript and JavaScript. I've built a custom CMS, Tools for SaaS's and much more. I always prioritize security, performance, and user experience. I'm dedicated to best practices and always push beyond industry standards to deliver solid, high-quality work. I'm always learning and looking for new ways to solve problems and build better software!

## EXPERIENCE

### Software Engineer | Hdev Group

May 2023 - Present, Remote

- Spearheaded development and oversight of four high-performance web applications using TypeScript, JavaScript, React, Node.js, Next.js. Leading a team of three developers through agile project processes.
- Engineered a comprehensive content management system featuring real-time data transmission and secured content APIs using Node.js, TypeScript, React, Next.js, ensuring optimal SEO performance.
- Engineered a project management application prioritized on security by integrating advanced Network Security and elsewhere standards, resulting in SEO ranking elevation to number one.
- Executed comprehensive user and market research using data analysis techniques and survey methodologies.

### IT Support Specialist / Team member | Chipmunk

August 2023 - Present, England

- Maintained 99% uptime for POS systems, networks, and card readers.
- Increased profitability by 37% through IT infrastructure optimizations.
- Responded to and resolved customer requests swiftly, maintaining high customer satisfaction.
- Constant Response to technical problems with a 100% completion rate.

## EDUCATION

### Level 3 / A-Level Information Technology | St Helens College

2025

- Foundation Diploma ( 1.5 A-Level's ): Distinction (A)
- Extended Diploma ( 3 A-Level's ): D\*D\*D\* - (A\*A\*A\*) - Predicted

## PROJECTS

### Textuality | Hdev Group

[textuality.hdev.uk](https://textuality.hdev.uk)

- Developed a React-based content management system optimized for content delivery by utilizing TypeScript, JavaScript, Next.js and integrated database technologies including MySQL and Convex to ensure page loading times under 700ms.
- Leveraged advanced UI/UX design techniques to enhance content editing features, streamlining the process with efficient TypeScript frameworks and reducing operational complexity.
- Constructed a robust support platform enabling seamless user request submissions via Amazon SES emails, completed with a user-centric dashboard interface using JavaScript frameworks.
- Optimized front-end processing efficiency leveraging React and Next.js, resulting in smoother user interactions and decreased operational latency.
- Created technical documentation that was easy to understand and communicate to all users of the application.

### HProjects | Hdev Group

[hprojects.hdev.uk](https://hprojects.hdev.uk)

- Developed a real-time project management application using Next.js, React, and TypeScript, significantly improving team collaboration.
- Boosted user engagement by 68% with enhanced UI/UX features, including drag-and-drop functionality.
- Improved incident response times by 46% through the integration of pager technologies with push notifications.
- Developed a secure role-specific collaborator addition module, eliminating unauthorized admin control.
- Utilized AWS SES to automate email dispatch for team invitations and paging responders, ensuring prompt communication.

## SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, HTML, CSS.

**Frameworks:** Node.js, Next.js, React, Vue.

**Databases:** MySQL, Convex, PostgreSQL, Firebase, MongoDB.

**Security:** Network Security, Application Security, Secure Coding Practices, Endpoint Security, Incident Response.

**Tools:** Git, Github, Trello, Jira, Sentry, Incident.io, Custom built tools: (HProjects), Firebase, Socket.io, Websockets.

**Soft Skills:** Communication, Teamwork, Problem Solving, Adaptability, Leadership.

**Other:** User Authentication and Authorization, Risk Management, Training, Documentation.