Davey Mason

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PROFESSIONAL SUMMARY

Experienced **Front-End Developer** and **UX** Engineer with **over 5 years of professional experience** in web development. Proficient in designing, developing, maintaining, and enhancing user-friendly interfaces for websites and applications. Specialized in **JavaScript**, with proficiency in both front-end and back-end development.

EDUCATION

- **M.Sc. Computer Science**, Georgia Institute of Technology (online, 2022-2025)
- **Bachelor of Science in Digital Technology & Design**, Dublin Institute of Technology (2017-2018)
- **Bachelor of Science in Applied Physics & Instrumentation**, Cork Institute of Technology (2011-2014)
- **Post Graduate Module in Software Development,** Open University (2019)
- **MERN Full-stack & Mobile Bootcamp**, NuCamp (2021)

EXPERIENCE

Senior UX Engineer | *ReelMetrics* | Leiden, Netherlands. (Hybrid)   2021-Present

- Led the complete redesign of key user interface elements, focusing on responsiveness and intuitive design.
- Led the process of new feature development, from gathering requirements and drafting mock-ups to conducting user testing and creating wireframes.
- Worked with modern development tools and methodologies, such as Agile, for project management and GitHub for version control.
- Designed and developed reusable reactive components to enhance user interaction with large datasets.

Tech stack included npm, yarn, lint, babel, webpack, devexpress, elastic, storybook, material UI & bootstrap.

Web Developer & Designer | *Fat Head Solutions* | Remote.   2020-2021
A client facing role where I help clients identify and implement a wide range of digital solutions.

- Provided client-facing support to help clients identify, design and implement a range of digital solutions.
- Designed and developed beautiful **responsive websites** that were secure, fast-loading and optimized for all devices.
- Built **complex websites** with premium content hidden behind a **paywall** and **configured user roles**.
- Integrated third-party **payment solutions** according to client requirements.

Web Developer & Designer | *DEITG I.T. Generalists* | Cork, Ireland.   2018-2019

- Designed and **developed over 50 websites** using **WordPress, Php, CSS, JavaScript, Bootstrap & jQuery**.
- Worked with a senior developer on the front-end of large web apps using **CSS & CakePhp**.
- **Upgraded legacy Php apps** from Php 5.6 to 7.3.
- Streamlined web management processes, **significantly improving efficiency** and team performance.

CORE PROFICIENCIES

Front-end Development: Proficient in HTML, CSS, and JavaScript with an in-depth understanding of front-end architectures and best practices.
Expertise in building interactive UI with React.js, leveraging libraries like jQuery, and designing responsive and mobile-first layouts using Bootstrap and Material Design.

User Experience and Design: Extensive experience in all aspects of UX, including responsive design, user research, need finding, requirements gathering, A/B testing, and prototyping. Strong understanding of UI design principles and the ability to translate user needs into intuitive interfaces.

CMS & Third-Party Integrations: Skilled in working with content management systems such as WordPress and ButterCMS. Successfully integrated third-party payment solutions and developed plug-ins based on client requirements.

Version Control & Deployment Tools: Experienced in using version control systems like Git, GitHub, and proficient in package managers such as Yarn and NPM. Familiar with deploying and maintaining applications using Netlify, AWS, Docker, and Kubernetes.

Development Methodologies: Experience in Agile development practices, familiarity with DevOps culture, and ability to collaborate effectively with both frontend and backend teams.

Testing & Debugging Tools: Familiar with testing and debugging tools like Jest & Storybook.

Back-End Development: Basic knowledge of PHP and Ruby for back-end development, and an understanding of server-side frameworks such as Node.js and Rails.

OTHER INTERESTING POINTS

- Taught over 10,000 students while working as a teacher in China (2014-2016, 2019-2021).
- Taught a range of levels from kindergarten to adult training centers in various cities in China, including Guilin, Yongzhou, Chengdu, Dongguan, Shanghai, and Taiyuan.
- Developed an LMS (learning management system) for university students in response to the COVID-19 pandemic.
- Served as head teacher of two kindergarten classes in my final year of teaching.
- Living permanently in the Hague.

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