David Benson

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Birmingham, UK (Remote)

Professional Summary

Experienced Full Stack Engineer with a strong background in building scalable web applications. Specializing in React.js, PHP, HTML/CSS, Node.js, and AWS, I have a proven track record of developing high-performance systems and APIs. With a strong focus on optimizing backend solutions and automating integrations, I excel in collaborative environments, leading projects from concept to execution. Passionate about clean, maintainable code, and always staying up to date with the latest tech trends.

Core Technical Skills

- **Frontend:** React.js, JavaScript (ES6+), HTML5, Tailwind CSS, SCSS
- **Backend:** PHP (Laravel), Node.js, MySQL, PostgreSQL, RESTful APIs
- **Cloud & DevOps:** AWS (EC2, Lambda, S3, RDS), Azure, CI/CD, Docker, Git
- **Testing & Automation:**PHPUnit, Integration Testing
- **Collaboration & Methodologies:** Agile, Scrum, Jira, Git, Code Reviews, Mentorship

Professional Experience

Software Engineer

Capgemini | Mar 2022 – Present | Remote, Birmingham, UK

- **Frontend Development:** Led the development of React.js-based UIs, enhancing user experience and performance with advanced state management and reusable components.
- **Backend & API Engineering:** Designed and implemented scalable PHP and Node.js backend solutions, enhancing database efficiency and building APIs to handle high traffic. Reduced downtime by 20%.
- **Cloud & Infrastructure:** Worked with AWS (EC2, Lambda, S3, RDS) and Azure services to deploy, manage, and optimize applications, improving scalability, security, and reliability.
- **Automation & Integration:** Spearheaded MuleSoft API integrations, automating data transfer between systems and reducing manual effort by 30%. Introduced CI/CD pipelines to streamline deployments.
- **Leadership & Collaboration:** Mentored junior developers, promoted best coding practices, and led code reviews, improving overall code quality and delivery efficiency.
- **Application Support & Monitoring:** Led production issue resolution and implemented proactive monitoring, resulting in a 25% increase in system uptime and performance in cloud environments.

Junior Web Developer

Clickingmad Ltd | Sep 2021 – Mar 2022 | Shropshire, UK

- **Custom Joomla Development:** Developed and maintained Joomla templates, ensuring websites were fast, responsive, and easy to manage.

- **Client-Focused Development:** Delivered high-quality, responsive websites that met client requirements and exceeded performance expectations.
- **Mentorship & Collaboration:** Assisted in onboarding new developers, refining best practices for scalable web development, and improving UI performance by up to 20%.
- **Performance & Optimization:** Collaborated with designers and developers to enhance website efficiency, reducing load times and improving responsiveness.

<u>Web Developer Intern</u>

Magic42 – Magento Development & E-commerce Agency | Sep 2019 – Dec 2019 | Birmingham, UK

- **Magento Development:** Built and refined Magento-based e-commerce platforms using PHP, MVC, and Git, ensuring high performance and scalability.
- **Frontend Development:** Developed responsive UIs with HTML, CSS, and JavaScript, improving usability and visual appeal.
- **Agile & Collaboration:** Participated in Scrum processes, contributing to sprint planning, code reviews, and daily stand-ups.
- **CI/CD & Automation:** Assisted in managing CI/CD pipelines, streamlining deployments, and improving workflow efficiency.
- **Performance & Debugging:** Identified and resolved UI and backend performance bottlenecks, enhancing system reliability.

Education

Bachelor's Degree in Computer Science

Aston University | 2017 – 2021

- **Final Year Project:** Developed [DBStudio](), a full-stack web application designed to teach users how to play musical instruments. Built using **PHP** and **Laravel**, the app allowed users to learn through interactive lessons and quizzes, applying my skills in database management and full-stack development.

Certifications

- **AWS Certified Cloud Practitioner** – Amazon Web Services (Issued Jan 2024)

Projects

[Meter Readings Dashboard]() **(PHP, Laravel)**
A Laravel web application for managing meter data, supporting CSV uploads, CRUD operations, and validating readings. Focuses on improving data accuracy and streamlining data management.

[Wind Farm Dashboard]() **(React.js, PHP, MySQL)**
A full-stack application using React.js for the frontend and Laravel for the backend, displaying real-time data on wind farms, including turbine status, weather conditions, and interactive map features. Utilised Axios for API requests and integrated Leaflet.js for map visualisations.