DAVID JENNINGS
Junior Front End Developer
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GITHUB https://github.com/DavidJJennings

PERSONAL SUMMARY

Motivated Junior Front-End Developer with over 2 years of experience implementing complex web solutions for a children's literacy charity. Specializing in React and possessing a depth of technical proficiency with popular technologies, including TypeScript and CSS pre-processors. Equipped with a mindset for problem-solving, whether working in a team, utilizing my refined skills in communication, or independently, leveraging the autonomy I have gained as a self-educated developer.

As a postgraduate STEM-educated individual, I am comfortable in high-pressure environments from my time in the NHS. I am a principled programmer who leverages their understanding of Agile methodologies and the Scrum framework to achieve polished end results. Fuelled by a passion for creating user-centric solutions, I continuously explore the latest industry trends and technologies to ensure my development skills remain at the forefront. This dedication not only enhances my technical toolkit but also informs my approach to solving real-world problems, making me a proactive and innovative contributor to any development team.

KEY SKILLS

- **Core JavaScript and React Proficiency:** Mastery of JavaScript, including advanced concepts like closures, promises, and async/await, and a deep understanding of React fundamentals such as JSX, components, state, and props. Proficiency in React ecosystem tools like Redux for state management, and familiarity with hooks for functional components.

- **Version Control and Development Tools:** Strong command over Git and GitHub for version control, and experience with npm and yarn for package management. Familiarity with development tools and platforms like Firebase, Vercel, SASS/LESS, Bootstrap, VITE, Webpack, Prettier, and ESLINT.

- **Testing and Debugging:** Expertise in using testing tools such as Jest, React Testing Library, and Vitest to ensure software reliability and performance. Proficiency in debugging React applications using React DevTools.

- **Backend Technologies Proficiency:** Solid grasp of backend development principles using Node.js and Express.js, providing me with a holistic view of the web development process. Experienced in creating and managing server-side logic, building RESTful APIs, and integrating databases (such as MongoDB and PostgreSQL).

- **API Integration and Management:** Proficient in integrating front-end systems with various APIs, understanding both RESTful and GraphQL services. Experienced in handling JSON and XML data formats, managing asynchronous requests with Axios or Fetch API.

- **Performance Optimization and Integration:** Knowledge of performance optimization techniques like lazy loading, memoization, and PureComponent.

- **Continuous Learning and Community Engagement:** Commitment to continuous learning and engagement with the React community, staying updated with the latest in React, and contributing to open-source projects.

- **Soft Skills:** Exceptional time management and prioritization skills, adept at handling multiple projects simultaneously while maintaining high-quality standards. Strong communication, critical thinking, team collaboration, adaptability, and attention to detail.

RELEVANT EXPERIENCE

April 2022 – Present
Web Developer and Trustee
The Reading Corner

- Designed, built, and implemented landing pages and website.
- Used front end technologies to implement a brand image strategy.
- Collaborated with marketing & social media teams to monitor trends and create relevant and exciting content.
- Engaged with team meetings to discuss strategies to bridge the literacy gap for disadvantaged children and young adults.

June 2022 – August 2023
Clinical Respiratory Physiologist
Harefield Hospital / East Surrey Hospital

- Managed large complex datasets to curate valid and high-quality results.
- Engaged with patients in highly stressful situations and motivated them to give their best in extremely demanding testing protocols.
- Worked 1 to 1 with patients to assess a variety of lung and sleep-based diseases.
- Ensured adequate documentation and communication with colleagues to develop a long history of high-quality care for all patients.

EDUCATION

- **Postgraduate Degree in Physiology**
  University of Brighton, September 2020 - May 2022
- **Undergraduate in Sport and Exercise Science**
  University of Brighton, September 2017 - May 2020
- **A-Levels**
  D* in IT, D* in Business Studies, B in English

PERSONAL INTERESTS

- Chess and Spanish are my current extra-curricular activities, having a long-term goal to reach a FIDE rating of 2000, and looking to improve my level of communication with my girlfriend's family who live just outside Barcelona.
- Heavily involved in a lifetime of sports, my main activities are martial arts, football, and ultimate frisbee but I will try my hand at anything.
- I am one of 5 brothers and we are a very close family so I greatly value time spent with friends and family.

REFERENCES AVAILABLE ON REQUEST