Ryan McKenzie

FRONTEND DEVELOPER

Details

London
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Links

ryanmckenzie.co.uk

Skills

Languages: HTML, CSS, JavaScript, C#, SQL, PHP, Python.

Libraries: React, Redux, jQuery.

Frameworks: Next.js, ASP.NET.

Testing: Selenium (C#), Cypress, Jest.

Other: MVC, Node.js, NPM, Git.

Profile

Skilled Frontend Web Developer skilled in React, CSS, and Sitecore, with a digital marketing background. Specialises in creating responsive web applications for optimal user experiences across diverse devices. Proficient in developing dynamic React components, implementing state management, and ensuring seamless integration with back-end systems. Excels in CSS styling, utilising BEM principles for maintainable code. Proven track record in crafting captivating email campaigns and optimising web pages for pay-per-click initiatives.

Experienced in Sitecore integration and collaborative UX/UI design, ensuring intuitive user interfaces. Committed to code quality, conducting thorough code reviews, and adhering to best practices. Proficient in version control systems and effective cross-functional team communication. Strong documentation skills which have facilitated knowledge sharing within teams.

Experienced in web accessibility principles for inclusive web development. Committed to continuous learning and adapting to evolving web technologies to deliver innovative solutions and enhance user experiences.

Employment History

Frontend Developer, Codehouse, London

MARCH 2021 — PRESENT

Responsibilities:

- **Implementing Responsive Design**
  - Developed web applications emphasising responsive design.
  - Ensured optimal user experiences across various devices, screen sizes, and orientations.
  - Implemented fluid layouts, media queries, and responsive CSS techniques.
- **Developing Dynamic React Components:**
  - Created versatile and reusable React components for Sitecore CMS.
  - Designed components flexible enough to adapt content presentation based on content manager implementation.
  - Developed components to handle dynamic and abstract data.
  - Developed interactive and dynamic user interfaces using React.js.
  - Collaborated with back-end developers for front-end component integration with API endpoints.
- **CSS Styling:**
  - Crafted visually appealing and responsive layouts using CSS.
  - Employed BEM principles for structured and maintainable code.
  - Created modular and reusable styles using BEM methodology.
  - Ensured cross-browser compatibility and responsiveness.
- **Sitecore Integration:**
  - Seamlessly integrated React components within Sitecore CMS.
  - Collaborated with content authors for Sitecore-driven features.
- **User Experience (UX):**
  - Worked with UX/UI designers to implement design mockups and wireframes.
  - Optimized user interfaces for an intuitive experience.
  - Conducted usability testing and iterated based on user feedback.

- **Code Quality and Performance:**
  - Adhered to best practices for code organization, maintainability, and performance.
  - Conducted code reviews and contributed to continuous improvement processes.
- **Version Control and Collaboration:**
  - Utilized version control systems (e.g., Git) for collaborative development.
  - Maintained effective communication with cross-functional teams.
- **Documentation:**
  - Thoroughly documented code and development processes to facilitate knowledge sharing.

Web Developer and Operations Executive, AllGroove, London

FEBRUARY 2020 — 2021

Key Responsibilities:

- As a vital member of AllGroove, a dynamic digital marketing agency, I have played a pivotal role in the successful implementation of diverse marketing campaigns. My responsibilities encompassed crafting visually captivating email campaigns for large-scale distribution, and designing interactive web pages, primarily tailored for pay-per-click initiatives. My aim was to optimize click-through rates by creating enticing visual elements, all while ensuring seamless loading times and impeccable content presentation.

Education

CS50 Web Programming With Python and JavaScript, Harvard University - Online Course

SEPTEMBER 2023 — PRESENT

Online course covering HTML, CSS, Git, Python, Django, SQL, Models and Migrations, JavaScript, User interfaces, Testing, and Security.

Just IT Training Ltd, London

SEPTEMBER 2019 — FEBRUARY 2020

Self-funded course covering programming approaches and techniques, including HTML, CSS, JavaScript, C#, ASP.NET, SQL, and Python.

BSc Degree with Honours in Biological Sciences, University of Wolverhampton

SEPTEMBER 2014 — SEPTEMBER 2018

- Classification: 2:1.
- Core Modules:
  - Analytical Techniques in Biosciences (69%)
  - Gene Manipulation and Bioinformatics (61%)
  - Molecular Biosciences (75%)
- Final Year Project: 'A Bioinformatic Analysis of the Golgi Nucleotide Sugar Transport (GONST) Gene Family in Selected Plant Species.' (Received 70%)