Moamel Hashim

Software Engineer

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TECHNICAL SKILLS

Frameworks and Technologies
JavaScript (ESS/ES6+) | OOP | jQuery | React | Bootstrap | CSS | Flexbox | Grid | HTML 5 | AJAX | API | WordPress | Express.js

Tools
Git | Bash | GitHub | Cmder | Node.js | npm | Babel | Webpack | PostgreSQL | Figma | VS Code | Postman

Design Principles
OOP | Mobile-First | Responsiveness | Accessibility

Professional Experience

Web Developer and Team Lead | ACENDtials   01/2023 – present
- Rapidly promoted to Team Lead in five months, demonstrating leadership skills in overseeing the web development team and effectively managing projects from inception to completion
- Successfully onboarded and mentored two junior web developers, providing them with comprehensive guidance on best practices and equipping them with a solid understanding of our company's specific processes
- Demonstrated proficiency as the administrator of the company's **SQL** database, ensuring data integrity and managing database access for new users
- Leveraged **Mailchimp** to create visually appealing email templates for marketing campaigns, resulting in a significant increase in the email open rate from 10% to 25% for a subscriber base of approximately 1000 recipients
- Updated and maintained the company website, utilizing **HTML, CSS, JavaScript,** and **React.js** to add new weekly content and build engaging pages
- Elevated the user experience and streamlined site navigation by revamping the company's homepage using **WordPress**, effectively contributing to enhanced website functionality

Drone Pilot | SkySkope   02/2021 – 02/2022
- Solved customer issues by providing an open forum for constructive discussion and notified managers of escalations, if needed, resulting in an average of 100% satisfaction from survey results
- Performed risk assessment of drone condition and identified critical errors before full malfunction or crash occurred, and prevented unnecessary $20,000 replacement cost
- Designed and implemented safety protocols for emergency cases or environmental emergencies to mitigate the risk of physical and environmental injury in response to previously observed incidents
- Supported a 10-person team regarding an initiative to replace inaccurate legacy location data of power poles with more detailed relevant key information, reducing average inspection times from 3-4 hours to 20 minutes

Applications Developed

Travel Guide | Live ⧉ | GitHub ⧉
- **A full-stack CRUD** application using **React.js, Node.js, Express.js, PostgreSQL, HTML5, and CSS3**
- Developed a responsive **UI & UX** design for both mobile view and desktop screens utilizing **CSS3** for travel enthusiasts to enjoy a luxurious experience on their trip
- Built out dynamic **React** class and functional component to reduce duplicate code
- Created backend **REST API** for multiple endpoints and **PostgreSQL** database to manage **HTTP requests**
- Integrated the **Yelp API** to retrieve hotel data, implementing filtering mechanisms to display only 4-star or higher hotels, ensuring a luxury experience for users
- Leveraged **Docker** container technology to streamline the development environment, employing **Ubuntu**, **Git**, **PostgreSQL**, **Node**, and other essential network tools

Agent ShowCase | GitHub ⧉
- Developed a full-stack application using **JavaScript, HTML, and CSS.** structured with **OOP** principles
- Integrated Valorant **API** and used **XML** to retrieve **API** data and render it to showcase the character descriptions, their abilities, and the character's ability description
- Implemented **core JavaScript** and **CSS3** to build the dom tree as well as make the webpage more dynamic

Education

Web Development Associate Degree
San Diego Mesa College

Accelerated Web Development Program
LearningFuze