Software Developer [Currently Accepting Roles]

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Summary:

As a software developer, I have a passion for creating and building innovative and efficient applications. With a strong foundation in frontend technologies such as HTML, CSS, and JavaScript, I can create engaging and intuitive user experiences. I also have experience in backend technologies such as Node and MySQL, allowing me to seamlessly connect the frontend with a reliable and efficient backend. My strong problem-solving and communication skills, along with my ability to work well in a team environment, make me an asset to any development project. I am excited to continue learning and growing as a developer while creating meaningful and impactful applications.

Technical Skills:

Programming Languages: **React, JavaScript**
Coding Languages: **HTML, CSS, SCSS, SASS**
Framework: **Node JS, Express**
DevOps Technologies: **Git, Github, API**
Databases: **MongoDB, PostgreSQL, MySQL**
Other: **Figma, Tailwind, Material UI, Adobe Premiere Pro, Canva, Postman**

Frontend Skills:

- HTML/CSS: Proficient in creating and styling web pages using HTML and CSS.
- JavaScript: Strong understanding of JavaScript language, including ES6 features such as arrow functions and destructuring.
- React: Experienced in building user interfaces using React, including creating custom components and integrating with APIs.
- Responsive Web Design: Skilled in designing and building web pages that are optimized for various devices and screen sizes.
- Bootstrap: Proficient in using the Bootstrap framework to quickly and easily create responsive layouts.
- Figma: Proficient in design and prototyping using Figma.
- Git/Github: Proficient in version control and collaboration using Git and Github.
- TailwindCSS: Proficient in styling and layout using the TailwindCSS framework.
- Material UI: Proficient in creating user interfaces using the Material UI library.

Backend Skills:

- Node.js: Experienced in building web applications using Node.js and the Express framework.
- REST APIs: Skilled in building REST APIs using Node.js, including creating endpoints and handling requests and responses.
- MongoDB: Proficient in using MongoDB for database management, including creating and querying collections and documents.
- Passport.js: Experienced in implementing authentication and authorization using Passport.js and JSON Web Tokens.
- Serverless Functions: Skilled in creating and deploying serverless functions using platforms such as AWS Lambda.
- PostgreSQL: Proficient in designing and implementing database solutions using PostgreSQL.
- Microsoft Workbench: Experienced in creating and maintaining database schemas using Microsoft Workbench.
- ER Diagrams: Skilled in creating and interpreting Entity Relationship Diagrams to model database relationships and structures.

Project Experience:

Lists of a few personal projects on GitHub (open source), others are available on request.
- https://ksencherey.github.io/youtube-clone/
- https://ksencherey.github.io/phdv-clone/
- https://ksencherey.github.io/jobplus/
- https://ksencherey.github.io/africaneye/
- https://hairsprouts.com/
- https://statuesque-narwhal-2ea67b.netlify.app/

JobPlus (Job Site Search Engine)

I built an interactive and responsive job site search engine by gathering a list of job websites and creating a database of job postings from these websites. I then developed a search interface that allows users to input their desired job title, location, and other relevant information to search for job postings that match their criteria.

The search engine also includes filters and sorting options to further refine the search results. Finally, I implemented a system to regularly update the database with new job postings to ensure that the search results are always up to date.

- ✓ Built the frontend and backend using JavaScript
- ✓ Utilized TailwindCSS, MaterialUI, SASS, Flexbox, and Grid for styling and layout
- ✓ Implemented search functionality using SQL queries
- ✓ Created a user registration and login system using JWT authentication

Hairsprouts (Shopify Ecommerce Store) at *https://hairsprouts.com*

➢ Interactive Shopify ecommerce store using LIQUID template
✓ I customised a **LIQUID** template (adding CSS for styling additional pages) and deployed unto **Shopify**.
✓ Integrated Royal Mail **API** for shipping orders.
✓ Integrated Google **API** for analysis.
✓ Implemented automated emailing of customers with order and shipping details.
✓ Created multiple pages for policies, products and product collections.
✓ Redesigned the checkout process.
✓ Redesigned already existing pages, making them more responsive.

Product Search Application
➢ Interactive product search bar and checkbox to filter products in stock
✓ User can search for hardcoded product and filter for only products in stock.
✓ Built using **HTML**, **SCSS** and **React**

Digital Clock App

➢ Desktop digital clock which displays the real time in user's time zone.
✓ User can apply the app as a desktop (PC) display.
✓ Built using **HTML**, **CSS**, **JavaScript**

Portfolio Website

➢ Portfolio website built using HTML, SCSS and JavaScript.
✓ User can apply the app as a desktop (PC) display.
✓ Built using **HTML**, **CSS**, **JavaScript**

Current (ongoing projects)
➢ Redesigning Hairsprouts using React (ecommerce store) and host in the Cloud.
➢ Building an interactive website for a construction firm (African Eye Construction) with integrated WhatsApp API to receive instant messages.
➢ Building an interactive website for a makeup and beauty salon.

(Most of my projects are open-source code that can be found on my GitHub)

Education:

- Master of Science in Telecommunication and Electronic Engineering | Sheffield Hallam University | Jan 2013 – Jul 2014
- Bachelor of Science in Electrical/Electronic Engineering | Kwame Nkrumah University of Science and Technology | Aug 2006 - Aug 2010
- Wise Owl Training: Advanced SQL Certification.
- FDM Software Training: SQL, Excel, HTML, CSS, C#, Unix
- Codehance Tech Training: Data Structures, Algorithms, JavaScript, Database Systems, React & Node.js, HTML, CSS, SASS, Tailwind.

Additional Skills:

- Fluent in English
- Excellent written and verbal communication skills
- Strong teamwork and collaboration skills
- Experience with agile development methodologies

Contact:

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