Kendall Hampton

Software Engineer/Associate Developer

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Portfolio:

EDUCATION

Towson University Graduate Program | Master of Science, Applied Information Technology   2024
- Specialization: Internet Application Development
- GPA: 3.91

TECHNICAL SKILLS

Front End | JavaScript (ES6), React**,** HTML5, CSS3, OOP
Back End | Node.js, Express, MongoDB, Firebase, REST API's, SQL
Testing/Deployment | Netlify, Firebase, Sanity.io, Render
Developer Tools | Git, Figma, Webflow, Canva, Postman

PROJECTS

System Development/Implementation | Designed A Cloud Management Archive System For A Healthcare Organization.   2022
System Design and Proposal for the Implementation of a CRM Tool   Canva | Microsoft Azure | Excel | Access
- Designed and developed a **Customer Relation Management system** to streamline manual business functions for support staff and clients, estimated to increase productivity by 30%
- Formulated a series of deliverables detailing the system feasibility, solution requirements, **database architecture**, and the overall **system design** for project sponsors to present to stakeholders
- Defined the **system development life cycle** by measuring different methodologies (**Agile/SCRUM**, DevOps, etc.), providing the **project's scope**.
- **Google Drive:** HealthCare_SystemDesign (link to project)

FullStack Application | Admin Dashboard (link to project)   2022
React Application   React | Redux | MUI | Nivo | Node.js | MongoDB
- Developed a **Full-Stack** Admin Dashboard displaying data from **MongoDB** to my backend and displaying it on my **React frontend** using **Redux Toolkit** to make API calls to specific endpoints.
- Implemented Material UI and Nivo (D3 data visualization tool) components for **data visualization** and user interface design, resulting in a streamlined user experience.
- Incorporated **data modeling**, **entity relationship** diagrams, and **aggregate functions**.

Frontend | Pomodoro App (link to project)   2021
Single Page Application   React | MUI | Netlify | Context API
- Developed a Pomodoro App using **React** and **MUI**, featuring a customizable user interface with various color themes and timer settings, as well as **caching a user's setting** to their local storage.
- Implemented React hooks, including **Context API** for efficient data management and **useEffect** for timer events, and **useReducer** for complex state management.
- Demonstrated proficiency in utilizing **modern frontend technologies**

WORK EXPERIENCE

Help Desk/Client Support | *Association Of American Medical Colleges*   2022
- Supported a 20+ member team with troubleshooting and diagnosing technical errors for our end users via salesforce CRM.

Financial Analyst | *Prince George's Department of Housing*   2021
- Spearheaded a project and through efficient task distribution which led to streamlining our document processing by 25%.