

# Kendall Hampton

Portfolio:



Software Engineer/Associate Developer

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## 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%.