
EMPLOYMENT

Healthcare Technology Consultant **Milliman** **January 2016 – May 2016**

- Served on the MedInsight implementation team & collaborated weekly with customers.
- Developed automation tools that pulled data directly from Microsoft SQL Server and generated live reports.
- Worked with the Microsoft BI stack to perform data validation audits, load data into Microsoft SQL Server, designed stored procedures, and created custom analytical reports.

Data Analyst **GE Healthcare (formerly Novia Strategies)** **July 2012 – July 2015**

- Developed automation tools to clean data & produce complex analytical reports.
- Responsible for communicating with client to attain hospital data and handle it until the project end.
- Produced daily reports in Excel & PowerPoint that would be directly handed to the client.
- Worked daily on multiple projects and different team workflows including Non Labor, Technology, Perioperative Services, and Pharmacy.

EDUCATION

Bothell, WA **University of Washington Bothell** **September 2011 – June 2013**

- B.S. in Computer Science & Software Engineering, June 2013. GPA: 3.44
- Coursework: Data Structures & Algorithms; Operating Systems; Cyber Security; Database Systems; Parallel & Distributed Computing; Hardware & Computer Organization; Intro to Game Development; 3D Graphics.

SOFTWARE PROJECTS**Macro Tracker Website (2019)**

- MERN stack website that assists users in tracking daily calories by entering food data.
- Dashboard displays tables and charts of calories broken down by macro type and meal using Google Charts.
- GUI calendar allows users to move to other days and save previous foods to a meal template for reuse.
- Implements JWT authorization for each user to secure nutrition data.
- Feature to upload CSV file to bulk add foods to database or manually enter at once in form.
- Utilized: React.js/Redux, Express.js, Node.js, MongoDB, Bootstrap, Heroku

Project Kanban Tool Website (2019)

- Each project is broken down into tasks which are grouped and sorted by priorities and statuses.
- Implements JWT authorization for each user which allows projects to be private to one account.
- CRUD operations to access the SQL database.
- Utilized: React.js/Redux, Spring Boot/Core/MVC/Security, SQL, Bootstrap, Heroku

GitHub Profile with Charts Website (2019)

- Perform axios requests to the GitHub API to search and show any GitHub users profile.
- Implements React hooks and context to pass data between components.
- Google Charts is used to visualize the users profile activity by languages used, forks, and stars distribution.
- Dropdown list allows user to sort repositories by different categories.
- Utilized: React.js, Netlify

OpenSEA Seakeeping Software (2013)

- Worked with a marine engineer to develop open source seakeeping software available on GitHub.
- Read in data from multiple text files and used third party armadillo linear algebra library to solve equations.
- Various equation solutions were the forces and motions acting upon the ships used for design and safety.
- Utilized: C++, Visual Studio, and Qt

Skills

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- Languages: (proficient) Java, JavaScript, MongoDB, SQL, VBA, HTML (familiar) C++, C#, Python, CSS
 - Frameworks: React.js, Node.js, Express.js, Java Spring, React Native, Android, Bootstrap
 - Tools: Eclipse, VS Code, IntelliJ, NetBeans, MS SQL Server, Android Studio, Tomcat, Postman, npm, Git, AWS