
EMPLOYMENT**Healthcare Technology Consultant** - Seattle, WA **Milliman** **January 2016 – May 2016**

- 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.
- 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.

Data Analyst - Seattle, WA **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.
- Implements JWT authorization for each user to secure nutrition data.
- Features include bulk upload of foods using CSV file, saving meals for reuse, and copy meal from specific day.
- Utilized: React.js/Redux, Express.js, Node.js, MongoDB, Bootstrap

Trello Kanban Board Website (2019)

- Projects are broken into subtasks and grouped by status then priority to help manage project workflow.
- Drag and drop tasks into different status containers using the react beautiful drag and drop library.
- Implements JWT authorization for each user to secure project data.
- REST API that implements CRUD operations to the SQL database.
- Utilized: React.js/Redux, Spring Boot/Core/MVC/Security, SQL, SCSS, AWS EC2

Enhanced GitHub Profile 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 distribution of all programming languages used across repositories.
- Dropdown list allows user to sort repositories by name, size, forks, stars, created date, and updated date.
- Utilized: React.js, SCSS

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++

Skills

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