

Wootae A. Yang, MCSA

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SUMMARY

Driven, versatile software engineer with MCSA: SQL Database Development certifications and proficiency in modern Javascript full stack web development. Proven success designing, developing, and debugging professional web applications, with tasks ranging from developing client-facing web applications to database design, development and optimization.

CAREER HISTORY

Phoenix Business Computing, Hooksett NH

2020 - Present

Software Engineer

- Design and develop SAM4 using .NET, C# and SQL Server.
- Design, develop, and maintain SQL Server 2012, 2016.
- Develop and maintain SSIS packages to handle ETL processes.
- Implemented version control on SAM4 using GitHub.
- Fix Javascript and CSS related issues on SAM3 production environment.
- Train student interns and other employees.

Angell Pharmacy, Boston MA

2016 - 2019

Certified Pharmacy Technician

- Screened prescription details for errors and compounded preparations.
- Proposed workflow design that is still in use at central pharmacy.

BIDMC / Harvard Medical School, Boston MA

2012 - 2014

Research Assistant

- Perform research duties such as optical, chemical analysis and documentations.
- Write and maintain Standard Operating Procedures(SOP) for HPLC/UPLC and 264.7 murine macrophage differentiation.

EDUCATION & CERTIFICATIONS

MCSA: SQL Server Development H486-8918

2020

General Assembly, Boston, MA

2019 - 2020

Software Engineer Fellow

- Completed intensive full time 12-week software development training where I learned fundamentals of programming and Javascript web development.

- Successfully completed four full stack applications from scratch using technologies including Javascript, React.js, Express.js, MongoDB, PostgreSQL, Bootstrap, HTML/CSS and other tools and services like GitHub and Heroku.

MCPHS University, Boston, MA

2010 - 2016

Bachelor of Science in Pharmaceutical Sciences

PROJECTS

Smart Audit Master 4 (SAM4), Phoenix Business Computing - in progress.

Upgrade of SAM3, insurance claim auditing solution currently in use by Cigna and United Health across the world. I am contributing to SAM4 by developing SQL Server tables, stored procedures, DML triggers and managing indexes on the server side, and by developing .NET web application using C# for the front end. I also implemented version control on SAM4 and trained other employees on GitHub because it was not being used.

Task Scheduler, Side Project - completed in 4 days.

Javascript Single Page Application where users can sign up, sign in, change password, sign out, and create, read, update, and delete tasks. Users can specify detailed information about tasks along with date, time from and to. React.js is used for the front end, with hooks, and I chose Ruby on Rails and PostgreSQL for the back end.

Compounding Tracker, Side Project - completed in 4 days.

Javascript SPA where users can perform all the necessary authorization actions and log information of compounding sessions by recording ingredients added. Javascript, jQuery, Bootstrap and Handlebars.js are used for front end, and MongoDB, Express.js and Node.js are used for back end. This was a great opportunity to understand relationships between resources in a database.

Survey Application, Side Project - Team - completed in 3 days.

Team project where I worked with 3 other developers to build a survey application. Users can perform all the necessary authorization actions and CRUD operations on necessary database resources, and also take existing surveys or view a visual representation of survey results. Javascript, jQuery, Bootstrap, Handlebars.js and Chart.js are used for front end, and MongoDB, Express.js, and Node.js are used for back end. I was primarily in charge of the front end of project.

TECHNICAL SKILLS

Javascript, jQuery, React.js, C#, T-SQL, SQL Server, .NET, SSIS, Relational Database, RESTful API, HTML/CSS, Sass, Ruby on Rails, Express.js, Node.js, MongoDB, Mongoose, PostgreSQL, Bootstrap, Handlebars, GitHub, Agile Methodologies, Scrum