LUCAS LI

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EXPERIENCE

Vivid Solutions, *Full-Stack Software Developer, Victoria BC*   October 2020 – Current
- Developed variety of web applications for Ministry of BC with Angular Framework and Java Rest API.
- Maintain and added new features for a dealership application. Used Spring Web Flow.
- Created Jasper reports and embedded into ministry's application. Used Jenkins for deployment.

EncoreFX, *Software Developer, Victoria BC*   September 2019 – April 2020
- Developed Foreign Exchange Platform's UI with Angular Framework to automated currency hedging service.
- Implementation and design of REST web services using C#, ASP.net with MVC pattern.
- Designed and developed REST API gateway to translate for back office SOAP webservice
- Participated daily standups, participated in Agile iteration planning to coordinate sprint tasks using SCRUM methodology.
- Utilized Postman and Browser Development Tools to debug and fix issues.
- Primary technologies used: Typescript, Angular, CSS, C#, T-SQL, Git

Western Forest Products, *Database Programmer, Nanaimo BC*   April 2019 – August 2019
- Solely customized enterprise Windows Form application using C# and .Net Framework for Vancouver Island's cut block in forestry.
- Created logistics visualization reports using Power BI and SSRS
- Used T-SQL to design and create stored procedures for SSRS reports
- Created SQL functions which involve with data algorithm for retrieving required data
- Worked with the Business Analyst team to create mockups and wireframes for new components and webpages.
- Participated data team projects and join development cycle include ER diagram

EDUCATION

University of Victoria
Bachelor of Science with Co-op, Computer Science   September 2016 – August 2020
University of Victoria
Bachelor of Arts, Economics   September 2011 – December 2014

SKILLS

ADEPT   Angular, JavaScript, Typescript, C#, Git, SQL, Restful API
PROFICIENT   C, CSS, Python, Java, gRPC, HTML, Assembly Language, Hadoop

PROJECTS

PORTFOLIO, Angular, *Restful API, C#, SQL, Typescript, CSS, HTML*
- A platform designed for company's foreign exchange dealers. The main feature is generating a long-term exchange rate chart and graph, based on dealer's hedging strategies. There were some complicated calculation methods in the back end.

HADOOP INVERTED INDEX, *Java, gRPC, Hadoop.*
- Implement the MapReduce application to build an inverted index to generate the list of words in the files and the set of files that contains each term and the word frequency in each of the files.

Tic Tac Toe Multiplayer Game, *Angular, Node.js, Redis, Socket.io*
- Built client side of game in Angular and server side in Node.js. Two players can play on different computers/ web browser. This web app keep track of total gamed played, and number of wins, losses and ties.

TREASURY INTERGRATION, *C#, SQL (Oracle and SSMS)*
- An application that checks the Oracle production database intermittently and only transfers the newly added currency exchange deals to a SSMS database.