XUJIE ZHENG
FULL STACK ENGINEER

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Toronto, ON M5J0A6

Senior software engineer with 5+ years' experience in architecting scalable web and native mobile solutions, managing development teams and delivering products from an idea to production. Comprehensive knowledge of javascript, swift and CI/CD. Strong background in creating maintainable high load architectures from scratch and refactoring existing systems to match new requirements.

Skills

TECH STACK
Angular
ReactJS
NodeJS
CSS
PHP
Python
C#
Swift
Cocoa
Jenkins
Shell Script
MySQL
MogoDB

PROGRAMMING PRACTICES
Clean Architecture
SOLID Principle
Protocol Oriented Programming
Object Oriented Programming
Test Driven Development
Behaviour Driven Development
MVVM
MVC
Redux

LANGUAGE
Mandarin
Cantonese

Education

Queen's University	May 2020 to Current
Master Management Analytics 2021	
Dalhousie University	Sept. 2010 to Dec. 2015
Bachelor Computer and Electrical Engineering 2015	

Employment

IBM Canada
Halifax, NS

Mobile Lead Developer — Oct. 2019 to Current

Led a full-stack agile team to continuously deliver native mobile apps for one of the largest Canadian companies in the airline industry, with more than 500 thousand daily active users. Collaborated with project managers and led the iOS, Android and NodeJS developers. Additionally, contributed to the DevOps automation process for deployment, code scan and source code management.

Halifax, NS

iOS Platform Lead — Mar. 2019 to Oct. 2019

Designed the architecture of the iOS project by implementing best practices including and not limited to MVVM, protocol-oriented programming, and clean design with the SOLID principal. Led and mentored a team of iOS developers to follow Test Driven Development, and ensure best practice via code reviews. Dived deep into CoreData and implemented background auto-refresh from remote GraphQL services, also utilize CoreDate relationships and various MergePolicies to provide a smooth user experience.

Halifax, NS

Senior Angular Develope — Feb. 2018 to Mar. 2019

Continuously deliver user-demanded features for the mobile app of one of the largest Canadian financial institutions. In return successfully increased the AppStore rating from 2.1 to 4.3. Implemented a Redux favour Angular 2+ hybrid mobile app, with NgRx and RxJS. Collaborated with system admins to simplify the process of showing situational maintenance messages using shell scripts.

WeUsThem
Senior Lead Software Engineer — Sept. 2016 to Dec. 2017

Delivered three award-winning hybrid mobile apps in the healthcare industry. Worked closely with healthcare researchers and the Telus Health development team, to define the features and scope of each project. Implemented Restful APIs middlewares with node.js, C# and python based on the project. Led the angular.js mobile team to implement a user-centric solution. Managed and deployed applications to both Apple AppStore and Google Play Store.

Halifax, NS

Software Engineer — Nov. 2015 to Aug. 2016

Developed and maintained multiple websites with WordPress and PHP. Communicated with clients to understand their needs and respond to emerging situations. Developed websites for NSCAD (the most well known Canadian Art School), and campaign websites for Connect2Canada to gather Canadians in the US to celebrate Canada Day. In addition, responsible for maintaining the Customer Relationship Management framework for Connect2Canada.

Dongguan Kaifa Technology Co, .LTD (subsidiary of China Electronics Corporation)
Guangdong, China

Information Technology Support — June 2015 to Aug. 2015

Assisted in establishing the sharing file system in the Windows server. Configured Switch for the inner and outer network of the manufactory. Diagnosed and support for general computer software problems.

Volunteering

Saint Vincent Nursing house	Sept. 2014 to Sept. 2015
Switch open street sundays	July 2013 to Oct. 2013
Supper Nova event	Oct. 2013 to Oct. 2013
Alzheimer Society of NS	Sept. 2010 to Sept. 2010