

HYUNJONG SHIN

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Software Developer, FrontEnd

Fast Learner | Communication Skill | Problem Solving skill

*software developer with **2 years of experience** in fast-paced, deadline-driven environment. Highly experienced in the software development lifecycle. Supportive and enthusiastic team player dedicated to efficiently resolving project issues. Ability and willingness to innovate and learn new technologies, quick learner passionate about development*

TECHNICAL SKILLS

Front-end: Angular, React, HTML5, CSS3, JavaScript (ES6), TypeScript, React Native, Android

Back-end: C#, Java, Python, Express

Database: MSSQL, MySQL, Oracle DB, Mongo DB

Others: Agile, SDLC, Git, Jira, Jest, Docker, Visio, Figma, MS Office

Cloud Computing: AWS, Azure

AWARD

Petnerup Hackathon (Centennial College) – 1st Prize

Mar 2021

- Created prototype petnerup app which is a social network for pet and pet owner using Figma design tool

The 4th Korea SW Fusion Competition Hackathon - 2nd Prize with \$3000

Sep 2017

- Developed “FireFly” Android mobile application to use in emergency situations.
- Used public data and “NFC tag” to send the exact spot of user.

DEVELOPER EXPERIENCE

Student Researcher – Xello

Apr 2021 - Present

WIMTACH, Toronto

Technologies: TypeScript, Angular, Jest, scss

- Refactoring AngularJS to Angular for better performance with TypeScript in Agile environment.
- Creating and maintaining 100% coverage unit testing each service and component with Jest in Test-Driven Development
- Providing proof of concept to replace deprecated third party libraries.
- experiencing with all the phases of SDLC and agile development methodologies including SCRUM, involved in daily SCRUM meetings to keep track of the ongoing project status and issues using JIRA

Student Researcher - Interdev

Sep 2020 - Apr 2021

Technologies: JavaScript, React Native, Redux, ASP.NET, WebRTC

WIMTACH, Toronto

- Led student researchers and demonstrated progress bi-weekly to clients
- Professional experience in mobile app development using React Native and Redux framework from scratch
- Implemented video and voice call for web(Angular) to mobile and mobile to mobile using WebRTC(peer-to-peer communication)
- Developed push notification for IOS and Android utilizing OneSignal which based on firebase in ASP.NET
- Managed quality of React Native as a code owner using Jira, Trello board (Agile tools) and Git (Version Control)

Student Researcher - Alpha

Jul 2020 - Sep 2020

WIMTACH, Toronto

Technologies: Java, Selenium, MSSQL

- Wrote and maintained Selenium Web Driver(TestNG) automated regression test cases for Angular
- Conducted regression testing and analyzed results and submitted observations to development team

Software Developer

Dec 2019 - May 2020

Alpha healthcare, Toronto

Technologies: ASP.NET Framework, Selenium, MSSQL, MySQL

- Refactored ASP.NET code to feature enhancement & performance improvement (20 – 30% faster)
- Created new feature using google map
- Participated in restructuring and migrating database for CRM solution (DB Migration /DB Design)

EDUCATION

Software Engineering Technology Advanced Diploma (Co-op)

Sep 2018 – Present

Centennial College, Toronto, ON - GPA: 4.1/4.5 (**Expected graduation: Dec 2021**)

- **COMP306 - API Engineering and Cloud Computing using (current)**
Developing and deploying RESTful APIs and ASP.NET Web API using Azure SQL database, Azure storage, Azure App services, Azure cloud services.
- **COMP309 - Data Warehousing and Predictive Analysis (current)**
Implementing and managing basic data warehousing and data mining systems using ASP.NET and AWS
- **COMP308 – Emerging Technologies (A+)**
Developed patients management system web application with MERN (MongoDB, Express, React, Nodejs)stack and Machine learning
- **COMP254 – Data Structures and Algorithms (A+)**
Implemented data structures such as linked list, tree, and hash, then applied Algorithms to solve problems.
- **COMP246 – Object Oriented Software Engineering (A+)**
Created design documents which are use case model, business logic model, data models, and diagrams through the analysis and design of business.

Android & Web Framework Professional Developer Training Course (Boot camp)

Mar 2017 – Aug 2017

- Developed a diversity of JSP/servlet with spring framework.
- Created chat application which is based on sockets in Java, utilizing connection of TCP/IP.
- Developed sleep tracking android application, using YouTube API and Fitbit API.

PROJECTS

Coffee Shop Web application

Technologies: MongoDB, Express, React, Node, Jest

- Developed web application with emerging technologies and the best practice.
- Implemented jwt Authentication to interact between the user side and server-side.

Patients Management System

Technologies: React, Express, Node, MongoDB, Express, TensorFlow

- Developed web application to manage patients using TensorFlow and YouTube.
- Used TensorFlow to predict patient's disease based on shaping public data.

EXTRACURRICULAR ACTIVITIES

Leetcode algorithm study

Jul 2021 – Present

- Applying data structure and algorithm knowledge into actual code.
- Understanding dynamic programming in an aspect of time and place complexity