Xiaomeng Xu

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SUMMARY OF QUALIFICATIONS

● Over **5 years** work experience in web application development as **a full stack developer**.

● Extensive hands-on experience in multiple languages, such **C#**, **Java**, **JavaScript**, and **TypeScript**.

● Solid basic programming knowledge such as **OOP**, **design patterns**, **data structure**, etc.

● Outstanding communication skills, teamwork spirit built from the experience.

● Great learning potential, open to learn from all sources and always learn from mistakes.

● A permanent resident of Canada with legal authorization to work.

SKILLS

● Back-End: C#, .NET | Java, Spring

● Front-End: JavaScript, TypeScript, Angular, React, Redux | HTML, CSS, SASS/SCSS, Bootstrap

● Database: Sql Server, MySql, PostgreSql | Redis, MongoDB

● Miscellaneous: Git, RabbitMQ, Azure, Nginx, Docker, Linux OS, Windows OS

Personal Projects

● Visit my portfolio website to check out my projects:

https://bradyxuportfolio.vercel.app/

Education

● Honors Diploma of Computer Programming, Algonquin College, Ottawa Apr. 2020 - Apr. 2022

● Master of Accounting, University of International Business and Economics, Beijing, China
Sep. 2015 - Jun. 2018

● Bachelor of Geography, Hebei Normal University, Shijiazhuang, China
Sep. 2009 - Jun. 2013

WORK EXPERIENCE

Software Developer   Oct. 2014 - Nov. 2019

Gome Holdings group, Beijing, China

● Built and maintained several large-scale applications from scratch using **C#**, **ASP.NET**, **TypeScript**, **Angular** and **Sql Server**.

● Designed and developed **RESTful APIs** and tested them with **Postman** and **Swagger**.

● Used **Entity Framework** and **LINQ** together to operate .NET objects to work with database; Implemented **Specification Pattern** with **Expression Tree** to refactor codes of interacting with database.

● Developed many main business features, including checkout feature developed by integrating online payments SDK of third party financial services software; Flash sale feature developed by using **RabbitMQ** and **Redis**, etc.

● Used **Redis** as distributed cache, stored entities into Redis by serializing them to **Json** strings; Solved cache problems such as penetration and cache avalanche.

● Wrote custom **middlewares** to handle exceptions and return response codes.

● Improved performance and kept costs down by participating in project migrations from **.NET framework** to **.NET Core** and project updates from **ASP.NET MVC** to **Angular** and **ASP.NET WebApi**.

● Implemented **CI/CD pipelines** to build codes on **Jenkins** and deploy it on a **docker** container.

● Developed front end coding using **TypeScript**, **ES6**, **Angular** and **RxJS.**

● Transformed designs to responsive layouts and UI components using **HTML**, **SCSS** with **BEM** naming convention.