Xiaomeng Xu

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SUMMARY OF QUALIFICATIONS

- **6 years** work experience in web application development as **a full stack developer**.
- Extensive hands-on experience in multiple languages, such **C#**, **Java**, **JavaScript**, **TypeScript** and **Nodejs**.
- 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 | Node.js, Express.js
- Front-End: JavaScript, TypeScript, Angular, React | HTML, CSS, Bootstrap
- Database: Sql Server, MySql, PostgreSql | Redis, MongoDB
- Miscellaneous: AWS, Azure, Linux OS, Windows OS, Nginx, Git, JIRA, Agile

PERSONAL PROJECTS

Personal Portfolio
https://bradyxu831.vercel.app/

Library App
- Built with TypeScript, React.js, Java, Spring Boot, Spring Data JPA, MySql
- Developed search books feature, book details feature, checkout feature, review feature, Q/A feature
- Used Okta Cloud Identity Platform as **OAuth2.0** Authorization Server

Book Store Web
- Built with ASP.NET MVC, Sql Server
- Developed categories feature, products feature, checkout feature
- Used **.NET Identity** to create 4 roles: admin, employee, individual, company
- Used **Stripe** to do payment.

WORK EXPERIENCE

Senior 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 it with **Postman** and **Swagger**.
- Used **Entity Framework** and **LINQ** method syntax together to work with the database using .NET objects.
- Developed checkout feature by integrating online payments SDK from third party financial services company.
- Developed promotion order feature using **RabbitMQ** to handle high concurrency scenarios.
- Used **Redis** as distributed cache and wrote an interface with an implementation class to solve cache penetration and cache avalanche and also be able to serialize an entity to Json string to store it into Redis.
- Participated in project migration from **.NET framework** to **.NET Core** to improve performance and keep costs down.
- Implemented **CI/CD pipelines** to build codes on **Jenkins** and deploy it on a **docker** container in **Linux OS** for .NET Core project.
- Developed front end coding using **TypeScript**, **ES6**, **Angular** and **RxJS.**
- Transformed designs to responsive layouts and UI components wit **HTML**, **CSS** and **Bootstrap**.

Software intern   Jan 2014 - Oct 2014
Bytedance, Beijing, China

- Assisted senior developer to convert designs to **React.js** components and pages.
- Assisted senior developer to write unit tests in **Spring Boot** application using **Junit.**

Education

- Bachelor of Geography, Hebei Normal University, Shijiazhuang, China, Jun. 2013
- Honors Diploma of Computer Programming, Algonquin College, Ottawa, Apr. 2022