Software Engineer

Jingyu Wang

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PROFILE SUMMARY

A professional and versatile Software Engineer with an experience of over 2 years in design and implementation of backend service including API service, web app, big data, ETL and performance optimization. Familiar with requirement gathering and software development life circle. Hands on programing experience in multi-language such as C#, Java, SQL, PowerShell etc. Quick learner for new concepts, ideas and technologies.

TECHNICAL FORTE

- **Programming language:**   C#, JAVA, PowerShell, Python
- **Database Programming:**   T-SQL, U-SQL, SCOPE
- **Tech Tools:**   Visual Studio, IntelliJ
- **Reporting Tools:**   Tableau, Power BI
- **Testing:**   Unit Test, Integration Test
- **Source Control & Collaboration Tool:** DevOps, Git
- **Cloud Services:**   MS Azure (IaaS, PaaS, SaaS), AWS

ORGANIZATIONAL EXPERIENCE

Microsoft, Dynamics 365 Fraud Protection   **Redmond, WA**
Software Engineer   **Oct 2018- Till Date**

- Contributed to Microsoft new released production *Dynamics 365 Fraud Protection*.
- Collaborated closely with PM team, frontend team and data scientist team to implement different requirements.
- Contributed in scripting bigdata U-SQL queries, CTEs, stored procedures and MapReducer.
- Designed and Implemented processing system to meet GDPR compliance.
- Deployed and Utilized Azure Data Factory to build data pipeline and implement complex ETL strategy.
- Developed RESTful Web APIs with C#, .NET Core and .NET Framework.
- Wrote unit test and integration test in C# with dotnet test.
- Integrated and virtualized the monitoring and alerting system with data processor and web service.
- Optimized data query script performance in ETL process.
- Built the ad-hoc reports by using Power BI/ Tableau for data change events, trigger execution, web service consumption and latency.
- Built and config the project release pipeline in DevOps
- Brought up design pager and documented necessary dev notes.

OMNI TECH USA INC   **SEWELL, NJ**
Full Stack Web Developer   **Mar 2018 - June 2018**

- Designed and built a merchant website focusing on the sale of related products.
- Implemented with HTML, PHP, JavaScript and MySQL.
- Designed and built a highly normalized relational database schema, ERD diagrams and wrote complex SQL queries.
- Customers are required to sign up for an account. They could search and sort products by category, console type and price. Once a customer purchases a product, he/she will automatically be charged the price in the cart with user's billing and address information.
- Designed and implemented a dedicated administrator's page for maintaining users and ads.

Saint Joseph's University   **Philadelphia, PA**
Teaching Assistant   **Sep 2018 - Dec 2018**

- Lectured and supervised computer open labs weekly.
- Worked with academics to assist students in their courses Java and Database Management.
- Worked with professor to design assignment project.

EDUCATION

- M.S. in Computer Science   Saint Joseph's University, Philadelphia, PA   2015-2017
- B.E. in Engineering   Nanjing University of Technology, Nanjing, CHINA 2007-2011

Others

- CHIME board associate
- Best Volunteer in CHIME   Sep 2019
- Member of Upsilon Pi Epsilon (UPE) Computer Science Honor Society   Apr 2017
- Outstanding Undergraduates Awards   May 2011