

Yuan Zhang

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Work Experience

Senior Software Engineer @ SMS InfoComm

Mar 2017 - Present

- Main stack: C# (.Net Framework and .Net Core), Angular, SQL Server
- Maintain and fine tune Database to optimize performance.
- Architect, develop and deploy applications in both Web, Winform, console and library.
- Guide, mentor and led junior team members to finish their tasks.
- Assist manager and supervisor to strengthen the whole team.
- Maintain, debug and improve old projects.



Headset Tester @ Brook Consultants Inc.

Jun 2016 - Feb 2017

Data Analyst @ MAG Retail Group

Oct 2015 - Jun 2016

Projects

BI Platforms

- Developed report platforms using Angular/.Net core(Web API) for [web](#) and .Net framework for desktop.
- Implemented and deployed Web API with C# Net Core to retrieve data from DB and handle http requests.
- Implemented a non re-deploy way to configure and control reports by XML files.
- Multiple ways(e.g. login module) to secure data and various ways(e.g. chart/table) to represent the data.

Foundation library for Team

- Built and tested an all-in-one library which covers 95% team daily development tasks.
- Deployed different version in [Javascript](#) and [C#.Net](#).
- Applied multiple design patterns to speed up the development process and extend the scalability.

Email Report Apps

- Developed and deployed .Net Framework console apps in C# to deliver reports through email.
- Created own functions and used 3rd party libraries to generate charts and pivot tables.
- Implemented reports into html/css in email.

Database Optimization

- Developed dedicated tool in C# to sync data from production DB at multiple time intervals.
- Set up tables, indexes, views, store procedures, triggers, types and functions to optimize DB performance.

Miscellaneous

- Developed and maintained printing service app (in PHP and C#).
- Developed and launched a new [official website](#) in JavaScript/HTML/CSS and Bootstrap template.

Technical Stack

Front-End: Angular • TypeScript • JavaScript • HTML • CSS • PHP • JQuery • Bootstrap

Back-End: C# (.Net Framework and .Net Core) • SQL • Java • Web API

Education

Master in Information Technology and Management @ University of Texas at Dallas

Aug 2013 - Jun 2015