

## Xiaodi Yan

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GitHub: <https://github.com/yanxiaodi>

Blog: <https://yanxiaodi.medium.com>



## Profile

Passionate and professional software engineer with an abundance of strong knowledge about .NET platform as well as enthusiasm for the modern technologies and creating the readable, flexible, and maintainable code. Experience in system integration, solution design, DevOps, CI/CD, containerisation, AI applications development. Experience in .NET Core, Web API, TypeScript, NodeJS, SQL Server, WPF, UWP, Xamarin, EF Core, etc. Constantly share experience with other developers and make public talks for community events. Have been awarded as Microsoft Most Valuable Professional since 2015.

## Essential Technical Skills

- Solid skills in .NET Framework, .NET Core, C#, ASP.NET Core, WPF, UWP
- CI/CD pipelines with Azure DevOps, GitHub Actions, AWS Code Pipelines
- Experience with cloud native application development, Azure, AWS, container, Kubernetes, Microservices
- Knowledge of Microsoft SQL Server, SQLite, LINQ.
- Experience in ORM, Entity Framework, Dapper, PetaPoco.
- The capability of building applications with WCF, RESTful Web API, SignalR. GraphQL, gRPC
- Experience of web development, unit/component/integration testing.
- The capability of HTTP API debugging with Fiddler, Postman and Chrome.
- Agile/Waterfall methodologies.

## Interpersonal Skills

- Effective team worker with friendly and positive team spirit.
- Adaptable and flexible to meet the requirements of the organization.
- Capabilities to identify and resolve technical spikes
- Willing to share development experience with team members.
- Punctual and motivated self-management.
- Comfortable working within a diverse workplace.
- Extremely passionate about technology community activities.
- Enthusiasm for learning cutting-edge technologies to solve problems.

## Certifications & Awards

- Microsoft Most Valuable Professional
- Microsoft Certified Trainer 2021-2024
- Microsoft Certified: Azure Solutions Architect Expert
- Microsoft Certified: Azure Developer Associate
- Microsoft Certified: Azure Fundamentals

## Experience

### Microsoft Most Valuable Professional, Individual

2015 to present

- Published blogs and made public presentations to promote Microsoft technologies. Organizer and speaker of local meetups.

### Lead Engineer, Kiwibank, New Zealand

2022 to present

- Lead a modern API team to build .NET APIs on k8s.
- Work closely with Architects and Principal Engineers to design solutions.
- Support, coach and help team members for their professional development. Fortnightly 1:1 meetings and daily catch-ups.
- Contribute to the engineering practice of the Hub.
- Participate recruitment and run interviews for teams.

**Senior Engineer, Xero, New Zealand** 2020 to 2022

- ## Senior Engineer, Xero, New Zealand
- 2020 to 2022
- Worked closely with PO/BA and team members to deliver applications for various markets.
  - Led the team to communicate & collaborate with various teams
  - Led an internal community and facilitated fortnightly meetings
  - Built internal CLI tools to improve productivity and successfully increased the adoption rate from 15% to 60%.
  - Investigated technical spikes to help team make decisions.
  - Contributed to projects with .NET Core, C#, NodeJS, React, TypeScript.
  - Applied Agile methodologies (Scrum, Kanban) and run Agile ceremonies.
  - Code review. Mentorship program with grads.
  - Participated in the recruitment process. Designed technical assessments. Assessed code submissions and interviewed candidates.
  - Made presentations / shared knowledge inside the team.

<b>Senior Developer, InterGen, New Zealand</b>	2018 to 2020
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| <b>Senior Developer, InterGen, New Zealand</b> <ul style="list-style-type: none"> <li>• Worked as a senior developer for various projects</li> <li>• Developed modern applications (Web APIs, Desktop and Mobile) with ASP.NET Core, UWP, Xamarin, TypeScript, SignalR, Azure, etc.</li> <li>• Led the upgrading process of legacy projects.</li> <li>• Mobile application performance optimization.</li> <li>• Built CI/CD pipelines targeting Azure.</li> <li>• Mentored and helped developers in project team to solve technical challenges.</li> </ul> | 2018 to 2020 |
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**Senior Software Engineer, Qingdao Customs, China** 2012 to 2018

- Senior Software Engineer, Qingdao Customs, China** 2012 to 2018

  - In charge of several business systems developments. Developed a real-time monitor system with ASP.NET, SignalR and Angular. Have been responsible for the project architecture design while participating in a lot of coding work as well. Used ASP.NET Web API, Angular, TypeScript, Cordova and Ionic etc.
  - Participated in the development of Integrated Business Management Platform of China Customs. In charge of the development of user-defined spreadsheet (with ASP.NET MVC4 and jQuery UI) module. Built Windows services to process event messages.

**Web Developer & Server Administrator, Huangdao Customs, China** 2006 to 2012

- Web Developer & Server Administrator, Huangdao Customs, China** 2006 to 2012
- Was responsible for development of Huangdao Customs internal websites, including project requirements analysis, database design, architecture design, and coding. Used ASP.NET MVC.
  - Took charge in Web/Database server operation and maintenance work.

**Web Developer & Computer Information Technology Teacher, Qingdao Vocational and Technical College of Hotel Management, China** 2004 to 2006

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| <b>Web Developer &amp; Computer Information Technology Teacher, Qingdao Vocational and Technical College of Hotel Management, China</b>  | 2004 to 2006 |
| <ul style="list-style-type: none"> <li>• Developed Official Site of the college, including design and coding.</li> <li>• Developed various internal systems of the college with ASP, SQL Server.</li> <li>• Teacher of web development courses.</li> <li>• Web Server &amp; Database administrator.</li> </ul> |              |

## Education

Bachelor of Computer Science and Technology  
Ocean University of China, Qingdao, China

## Volunteer / Community Activities

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|---|-----------------|
| <ul style="list-style-type: none"> <li>• Speaker, Community Contributor. Co-organizer of <u>Wellington .NET User Group</u>. Organized various community events/meetups:             <ul style="list-style-type: none"> <li>◦ .NET Conf Wellington 2019, 2021, 2022, 2023</li> <li>◦ Global AI Night Wellington 2019</li> <li>◦ Global Azure Bootcamp Wellington 2019</li> <li>◦ Xamarin Monkeyfest Wellington 2018</li> <li>◦ Hands-on Labs mentor of Microsoft Ignite 2018 (US)</li> </ul> </li> </ul> | 2018 to Present |
| <ul style="list-style-type: none"> <li>• Volunteer/Committee member of <u>Chinese IT Association New Zealand</u>.</li> </ul>  | 2018 to Present |
| <ul style="list-style-type: none"> <li>• Mentorship in computer science education activity for young students: Hour of Code</li> </ul>  | 2016 to Present |

## Projects

- Translator Helper: A VS Code extension to simplify the translation of documents.
- ReVision: An AI VS Code extension that helps you revise your writing in various styles.
- CoreMessenger: A NuGet package that performs as a simple messenger system for UWP/WPF/Xamarin to communicate between different components or pages

## Reference

- Reference available upon request.