

Boqian Liu (刘博谦)

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Seeking for: Senior Full Stack Developer



Check my online resume here: [Boqian Liu CV \(https://boqian-resume.azurewebsites.net\)](https://boqian-resume.azurewebsites.net)

SKILL STACKS

Frontend: **Angular**, React, **AG Grid**, echarts

Backend: **Asp.Net Core**, EF Core, SignalR

Programming language: **Typescript**, **C#**, python

Could: **Azure Devops** and **Azure** services

Strength

Versatile actor in the team, focus on completion of each feature.

Communication within global teams on daily basis.

Proactive learner in domain knowledge and new technologies.

Certificates



*Certified Kubernetes
Application Developer*



*AZ-900
Azure Fundamentals*



*AZ-204 Azure
Developer Associate*

WORK EXPERIENCE

Elekta as Full Stack Developer **Jan. 2021 - Present**

Patient management system

1. Lead frontend rewrite, from jQuery to Angular 12, then upgrade to Angular 16. Use Nx to

- manage multiple libraries in a monorepo.
- 2. Heavy use on Angular Material and AgGrid.
- 3. Use dotnet core in backend, familiar with EF Core, SignalR.
- 4. Cloud based, use Azure DevOps deploy to Azure App Service, Log Analytics, Storage Account. Also maintain and improve CI/CD pipeline.
- 5. Follow agile development process, always deliver a full feature, including FE and BE, db schema and sometimes UI design with figma.
- 6. Receive and process requirements from US team, provide proposals and system design in most cases.

Existing C++ project enhancement

- 1. Implement TLS support with openssl.
- 2. Has domain knowledge about DICOM.

Small concept proof Next.js project

- 1. Self motivated, Postgresql as db, keycloak as IAM, use prisma and shadcn UI.
- 2. Integrate with an AI agent that can retrieve data or execute operation.

Other

- 1. Organize tech talk and legacy code review.
- 2. Provide technical support to other teams.

Aspen Tech as Developer **Jul. 2017 – Jan. 2021**

Contribute to a data visualization project

- 1. Medium size Angular project, use eCharts for data visualization.
- 2. Manage code using Perforce

Add features to a large WPF Project

Petroleum process simulation

- 1. Build dynamic simulation with Aspen Plus and Aspen Hysys.
- 2. Develop a python tool to visualize and convert data.
- 3. Rewrite the tool with C# for performance.

Graduated student **Sep. 2014 – Jul. 2017**

- 1. CAPEOPEN Basic Class Library, a COM compatible library, with 3 examples. Check here: <https://github.com/liubogian/CasterUnitCore>
- 2. Develop chemical reactor module, work on numeric algorithm.
- 3. Process simulation for a real-world petroleum equipment in Shandong, analyze result and provide evaluation report.

EDUCATION

Master Ch.E., Chemical Engineering and Technology. Sep.2014 – July.2017 Qingdao University of Science & Technology Qingdao, Shandong

Bachelor Ch.E., Chemical Engineering and Technology. Sep.2010 – July.2014 Qingdao University of Science & Technology Qingdao, Shandong