

**Boqian Liu (刘博谦)**

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**Github Page**: <https://github.com/liuboqian>

**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 AZ-900 AZ-204 Azure*

*Application Developer Azure Fundamentals 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/liuboqian/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