

Bojin Zhou

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About Me:

I am a Software Engineer with over 10 years of experience in delivering high-quality software solutions. I specialize in C#, .NET, Blazor, JavaScript, TypeScript, React, and Node.js, with a strong focus on application development and support. My track record includes successfully leading multiple projects that have significantly improved system functionality and business operations.

Professional Journey:

My career is a blend of continuous learning and hands-on software development. I excel at collaborating with business stakeholders to ensure that technical solutions align perfectly with their requirements. My ability to bridge the gap between business needs and technical execution has been key to my success.

Personal Motto:

"Programming isn't just about creating software; it's about creating opportunities—for ourselves and the world."

Programming Languages:

JavaScript, TypeScript, C#

Technologies & Tools:

React, Redux, Node.js, Express.js, PostgreSQL, Babel, JWT, RESTful APIs, TDD, Webpack, MongoDB, SQL Server, DevOps, AI Coding Tools (ChatGPT)

Cloud & DevOps:

CI/CD, Git, Azure DevOps, Azure Platform, Docker

Methodologies:

SCRUM, Agile, TDD

Interests:

Microservice Architecture, Software Architecture, Cloud Computing, Containerization

Professional Experience

Full Stack Developer

Supporting Education Group
London, UK

June 2022 - May 2024

Delivering clean, maintainable software on tight deadlines by solving complex challenges with .NET Core, C#, Blazor, and JavaScript, collaborating on project requirements, advocating for best practices, and building efficient applications and services across various platforms.

- Deliver clean, maintainable software on critical deadlines, following the best engineering practices
- Solve challenges with simple solutions, utilizing .NET Core, C#, Blazor, NodeJS, JavaScript, Angular, Azure, RabbitMQ, MS SQL, PostgreSQL
- Collaborate internally and externally to understand and implement project requirements accurately
- Participate in code review, advocate for best practices, and champion improvement
- Extracting data using a C# worker service for the data team, enabling deeper analysis
- Creating a Blazor application to manage and calculate contracts efficiently
- Collaborating on an Angular group project to develop a site for recruiters to manage their application process

Technologies: .NET Core, C#, Blazor, Angular, TypeScript, Azure, RabbitMQ, MS SQL

Freelance Web Developer

GOLDEN CLICK DYNASTY LTD

Dec 2014 - June 2022

London, UK

Delivering custom software solutions that meet client specifications, ensuring project alignment, scalability, performance optimization, and high-quality standards, while managing timelines and providing ongoing support using technologies like C#, .NET Core, ASP.NET, and JavaScript.

- Develop and deliver custom software solutions that meet client specifications, utilizing technologies such as C#, .NET Core, ASP.NET and JavaScript
- Collaborate closely with clients to understand project requirements, provide regular updates, and ensure alignment with their business goals
- Design, build and maintain scalable web applications using frameworks like Umbraco, Blazor, and Node.js
- Optimize application performance and user experience by implementing efficient algorithms, database queries, and front-end techniques
- Perform thorough testing and debugging to ensure the delivery of high-quality, bug-free software
- Manage project timelines and deadlines, delivering completed work on time while adhering to best practices and industry standards
- Provide ongoing support and maintenance, addressing client feedback, deploying updates, and making necessary improvements post-launch

Technologies: C#, .NET Core, ASP.NET, JavaScript, Umbraco, Blazor, Node.js, React

.NET Software Engineer

FDM Group

June 2012 - November 2014

London, UK

Provided application support, development, and analysis for critical systems across multiple organizations, facilitating knowledge transfer, deploying code changes, and resolving issues using a range of technologies including C#, ASP.NET, and Web Services.

- Contracted in Barclays provided application support and analysis for 15 critical internal applications, primarily using C#, VB.NET, ASP.NET, and Web Services.
- Facilitated knowledge transfer between two sites, traveling to Dartford to learn about 20 .NET applications and sharing expertise with the London team.
- Contracted in East Sussex County Council maintained, developed, and supported council application, providing 3rd line support, liaising with third parties, and resolving issues remotely. Utilized C#, ASP.NET, ASP.NET MVC, Entity framework, and WCF web services.
- Deployed code changes, fixed bugs, enhanced validation, worked on web projects with jQuery and JavaScript, performed database administration, and developed InfoPath forms on SharePoint sites.

Technologies: C#, VB.NET, ASP.NET, ASP.NET MVC, Entity Framework, WCF Web Service, JavaScript, jQuery

Maintained, developed, and supported applications within the Third Party Administration practice, enhancing system functionality through user consultation, while adhering to security standards and advancing skills in object-oriented design and software development methodologies

- Worked within the firm's Third Party Administration practice undertaking the maintenance, development and support of applications used within the practice
- Provided high quality support service to TPA system users as well as Application development and support
- Improved functionality of TPA system through consultation with business and end users
- Adhered to the firm's information security standards, policies and procedures
- Further developed my skills in the areas of object-oriented design principles and software development methodologies

***Technologies:** Development using T-SQL, W2 an object-oriented language, Microsoft Office applications*

Education

- **B.Sc. Computer Science**, King's College London. **September 2006 – July 2010**

Skills and Technologies

- **Languages:** JavaScript, TypeScript
- **Technologies:** C#, .NET Core, ASP.NET, .NET MVC, Entity Framework, Dapper, Worker Service, WPF, WCF, React, Angular, Redux, RESTful APIs, Node.js, Testing (Jest), Git, GitHub, SQL (PostgreSQL), Docker
- **Methodologies:** SCRUM, Agile, TDD, BDD
- **Interests:** Web Performance

Projects & Extra

- **Software Mastery™ by theSeniorDev** - an 8-week program covering professional aspects of software development. Working on production-ready systems gaining proficiency in different topics (Software Design Principles, Microservices Architecture and API Design, CI/CD, Testing).

Languages

- English: Professional Proficiency
- Chinese: Native Proficiency

Hobbies & Personal

- In my free time, I like to swim, read about new technologies, and jog around the city.