

Brandon Main

Software Engineer

Atlanta, GA

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Work Experience:

QGenda, Atlanta, GA (December 2021 – Current)

Software Engineer

- Full Stack development in C#, .NET, SQL, JavaScript/TypeScript, React, where many initiatives required extensive front-end and backend development.
- Worked in an agile team of 7-10 contributors, pointing, assigning, developing, and reviewing Jira tickets.
- Implemented and maintained highly visible and impactful end user facing fullstack projects that QGenda customers utilize on a daily basis, in .NET Core, SQL/Postgres, and React with TypeScript. These projects are critical to a healthcare worker's workflow in life saving environments such as emergency rooms and operating room departments where performance and uptime are essential.
- Implement and maintain legacy code that utilizes Razor/JQuery/Javascript, .NET MVC, and SQL.
- Utilized Enterprise service bus architecture to send messages/events to AWS SNS/SQS for performing work depending on business requirements.
- Utilized OpenSearch/AWS ElasticSearch for implementing highly performant and scalable search functionality in aforementioned life saving environments.
- Performed code reviews of peers' work, maintaining a high standard for concise yet readable code that followed the coding standards set in place at QGenda.

Oak Ridge Associated Universities, Athens, GA (October 2020 – December 2021)

Software Developer

- Full Stack development in C#, SQL, .NET, JavaScript/TypeScript, Angular.
- Federal contractor to the U.S. Environmental Protection Agency, Office of Research and Development. Worked both in office and remotely.
- Obtained and maintained a Public Trust level security clearance.
- Used AWS products such as Cloud9 and EC2 to maintain and deploy Docker containers.
- Design and develop REST API endpoints in large-scale, distributed systems.
- Developed automated tests in Jasmine and Karma for Angular applications.
- Developed automated tests in MSTest for .NET applications.

Education:

University of Nevada, Reno (May 2020)

Bachelor of Science, Computer Science and Engineering

Technical Skills:

Languages: *HTML, CSS3, JavaScript, TypeScript, Java, Python, C#, C++, SQL*

Front End: *Angular, React, jQuery*

Back End: *ASP.NET Core, Node.js*

Database: *SQL Server, SQLite, MongoDB*

AWS Cloud Technologies: *S3, EC2, Route53, Lambda, API Gateway, Cloud9, SNS, SQS, ElasticSearch/OpenSearch*

Other: *Unit Testing/Moq, Git/GitHub/Bitbucket, Unix/Linux, Jira, Confluence, Dapper, EF*