

# BRETT SHEARIN

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## CONTACT

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## SKILLS

### Programming Languages

- C#
- Java
- Javascript

### DataBases

- SQL
- SQL Server
- MySQL
- NoSQL
- Postgres

### Technologies

- AWS
- Docker
- OAuth2
- CI/CD
- xUnit
- Kubernetes
- REST APIs
- ASP.Net
- FFMPEG
- Azure

### Tools and IDE

- Git
  - Postman
  - Visual Studio
  - JetBrains Rider
  - Datagrip
  - Webstorm
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## EDUCATION

**Nashville Software School**  
Certified Web Developer

## WORK EXPERIENCE

### Backend Developer 2

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2022 - 2024

- Collaborated with cross-functional teams to deliver high-quality products on time.
- Developed a record automation tool for a hospital's EMR suite using C#, ASP.NET, and MVC frameworks.
- Debugged extensive C# codebases and implemented debug-based development practices, enhancing code reliability.
- Created comprehensive unit tests for C# processes, ensuring robust performance.
- Leveraged Docker to streamline deployment and improve scalability.
- Applied SQL database management to optimize data storage, retrieval, and manipulation processes.
- Implemented AI-driven solutions, saving time and costs.

### Team Lead of Integrations Development

Quaver Ed

2021-2022

- Adapted to a new code-base within 3 weeks.
- Led a team of two developers. Provided training, feedback, and code reviews.
- Managed Single Sign-On functionality using OAuth2.0.
- Synced and imported roster information for over 1000 school districts using OneRosterAPI.
- Authored technical documentation and functional requirements.

### Backend Developer

Quaver Ed

2018-2021

- Managed AWS server tasks including EC2, Database Migrations, CloudFront, and S3.
- Was responsible for production level site patches and releases.
- Ensured site reliability with IIS operations.
- Wrote complex MySQL queries and visualized data with MySQL Workbench.
- Developed a video compression algorithm with FFMPEG, saving the company thousands in storage costs.
- Built inter-server communication systems using MSMQ messaging.
- Created C#/.Net systems from command-line apps to logic-intensive services.
- Collaborated with front-end teams to provide backend solutions.
- Created and maintained ASP.Net pages