Rylan L. Mattocks

Dallas, TX • rylan.mattocks@gmail.com • 812.887.3484 • LinkedIn • GitHub • Portfolio

Software Developer with hands-on experience building full-stack applications using C#, ASP.NET Core, EF Core, SQL Server, JavaScript, React and Azure. Strong background in designing secure APIs and implementing CI/CD pipelines. Proven ability to deliver scalable solutions through professional training and real-world projects.

EXPERIENCE

Software Engineer, InfoSys   Mar 2025 – Current
- Completed intensive .NET/C# training covering ASP.NET Core, EF Core, SQL, and REST APIs
- Supported a CMMC Level 2 compliance project by reviewing system configurations and data flows
- Produced and maintained technical documentation, including system diagrams and SSP updates.
- Collaborated with engineers to clarify system logic and translate requirements.

Software Engineer, Revature   Sep 2024 – Mar 2025
- Built scalable backend services using C#, ASP.NET Core, and EF Core, designing RESTful APIs.
- Developed responsive UIs with HTML, CSS, JavaScript, and React.
- Ensured code quality through Git best practices and xUnit testing, achieving up to 80% coverage.
- Deployed applications using Azure and GitHub Actions with automated CI/CD pipelines.

Office Supervisor, TCS Communications   Oct 2019 – Dec 2023
- Supported AP/AR, billing, project management, construction, IT, and data entry teams.
- Trained and supervised an eight-member team in data entry and GIS mapping.

PROJECTS

Grading Application (*GitHub repo*) - .NET, SQL Server, React, Azure
- Built a full-stack grading application using .NET Web API, C#, EF Core, and REST principles.
- Implemented authentication/authorization, CORS, and secure JWT session handling.
- Developed a responsive React frontend and deployed the system to Azure.

Social Media Application (*GitHub repo*) - C#, SQL Server, React, Azure
- Created a social platform with login, profiles, likes, follows, and personalized feeds.
- Built a secure backend with EF Core and achieved 100% code and branch coverage using xUnit.
- Implemented responsive UI components, real-time feed updates, and CI/CD deployment to Azure via GitHub Actions.

Choose Your Own Adventure Game (*GitHub repo*, *live site*) - C#, JavaScript, Azure
- Developed an interactive branching narrative using a directed graph stored in JSON.
- Added save/load functionality and dynamic dialogue flow.

SKILLS

.NET, C#, JavaScript, SQL, React, ASP.NET, EF Core, Git, Docker, Microsoft Azure, Agile, Scrum, Python

EDUCATION & CERTIFICATIONS

BS, Computer Science, Western Governors University - Salt Lake City, UT

• CompTIA Project+ • CIW Site Development Associate • AXELOS ITIL Foundation