

Emmett Lin

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Software engineer with 5 years of experience in architecting, designing, and writing code.

Technical Experience

Languages: C#, JavaScript, SQL, TypeScript

Microsoft Azure: Azure DevOps, SQL, Elastic Databases, Batch, Storage, Active Directory, Data Factories, Service Bus, Virtual Machines, App Services

AWS: Redshift, S3, Redshift Spectrum

Technologies: HTML, CSS, Git, Visual Studio, Excel, WPF, WiX toolset, .NET Core

Work Experience

Software Engineer

01/2014 – 12/2018

ERP Maestro

New York, NY

Responsibilities:

- Designed software using object-oriented principles and coded for both the front end and back end.
- Ensured code quality by peer reviewing others and writing unit tests.
- Created and maintained automated builds and deployments using Azure DevOps.
- Reacted quickly to resolve bugs in production to avoid loss of service.
- Helped move release cycle from quarterly to one every two weeks.

Related Projects:

- Data Server
 - Architected a self-hosted REST API to serve files using ASP.NET Core.
 - Created a windows installer for the application using WiX toolset.
- Online Reporting Dashboard
 - Implemented dashboard page with graphs to aid data visualization using ChartJS.
 - Added drilldown functionality to charts and graphs to reveal detailed report data.
- Agent
 - Created WPF application for clients to use.
 - Communicated with SAP using RFCs to extract data or change permissions.

Computer Science Tutor and Grader

01/2013 – 12/2014

New York University

New York, NY

- Evaluated students' code for errors and code smells.
- Helped students understand course materials in data structures and algorithms, improving test scores.

Education

B.A. in Computer Science

09/2011 – 12/2014

New York University

New York, NY