

# Emmett Lin

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Software engineer with 6 years of experience in architecting, designing, and writing code.

## Technical Experience

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**Languages:** C#, Java, SQL, JavaScript, TypeScript

**Frameworks:** .NET Core, Entity Framework, Spring, Angular, Knockout

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

**AWS:** Redshift, S3, Redshift Spectrum

## Work Experience

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**Software Engineer** 02/2019 – present  
InRhythm contracted to Mastercard New York, NY

- Developed microservices using Spring Boot, PostgreSQL, Maven, and PCF.
- Created user interface for the application in Angular from scratch.
- Introduced best practices and methodologies, enhanced release processes, and improved the speed of CI/CD pipelines in Jenkins by up to 20 minutes.

**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.
- 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.

## Education

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**B.A. in Computer Science** 09/2011 – 12/2014  
New York University New York, NY