

Software Engineer

# JORDEN LOWE

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## SKILLS & EXPERTISE

- C#
- JavaScript
- Typescript
- AngularJS
- Linux/Windows/Mac
- AWS / Azure
- Visual Studio
- Docker
- SQL Server
- MySQL
- Git
- NodeJS

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## WORK EXPERIENCE

- Senior Software Engineer** *Health Catalyst* 04/17 - Present
- Created telemetry to monitor business rules to identify where bottlenecks are and how to resolve them.
  - Managed the Identity platform of the company that is integrated with Azure AD and Windows AD.
  - Managed the team's sprint as scrum master. Mentored developers as they are onboarded.
  - Improved application clients by introducing retry and circuit breaker logic into SDKs.
  - Built Continuous Integration and Release pipelines for applications in Visual Studio Online to automate the build and test process.
- Software Project Lead** *Panasonic Automotive* 04/16 - 04/17
- Managed project for a cloud music service called Aupeo! (now defunct).
  - Collaborated and coordinated with remote engineers in Ukraine and Canada to complete projects.
  - Implemented POC for collecting data from vehicles using serverless technologies like AWS lambda and docker.
  - Created API documentation to show how to integrate our system overall using swagger.
- Senior Software Developer** *Quicken Loans* 01/12 to 04/16
- Created a tool, RAMLsharp, to automatically document ASP.net Web API projects using RAML.
  - Managed the implementation of an API Gateway. This was used to rate limit, manage and monitor all the API's within the organization.
  - Mentored individual team's on proper API Gateway use in application development.
  - Architected a document export system that optimized importing new jobs from one week down to 1 hour.
  - Lead a team of developers to create a RESTful interface for a document repository system.
  - Developed tools to optimize OnCall, monitor systems to speed up and centralize knowledge of the system.
- Software Developer** *New World Systems* 11/10 - 01/12
- Optimized product stability by fixing device integrations.
- Software Developer** *Gongos Research* 05/10 - 11/10
- Implemented a time entry application to optimize user interaction and project overhead tracking.

## EDUCATION

**Master's Degree in Computer Science** – University of Michigan, 2009  
**Bachelor's Degree in Computer Science** – University of Michigan, 2006

## PROJECTS / INTERESTS

- My blog and projects can be found at <http://www.github.com/supermitsuba>
- Designed IOT (internet of things) bulletin board using Arduinio, raspberry PI and LED tiles:  
<https://github.com/supermitsuba/sms>
- Maintainer of open source project to automatically generate a RAML specifications for ASP.net web api's:  
<https://github.com/QuickenLoans/RAMLsharp>