

Work Experience

Quality Consulting Inc (QCI)

Senior Software Engineer

Des Moines, Iowa
April 2019 - Present

- Developing the back-end infrastructure used for tractor monitoring, tracking
- Designing the back-end RESTful APIs for various enterprise infrastructure
- Leading the onboarding process of new incoming Software Engineers

Three Commas, LLC

Consulting Full-Stack Engineer

Remote
January 2017 - December 2018

- Built modern applications using Azure, C#, ReactJS, SQL server, and .NET and supported the company's development and testing processes.
- Redesigned the CI/CD process with Azure from scratch, speeding up loading and deploying.

Genova Technologies

Software Engineer

Cedar Rapids, IA
May 2017 - August 2017

- Updated, developed, & tested controllers for John Deere trucks in an Agile development environment.
- Consulted with clients to identify their projects specifications and follow up with deployed applications status and any technical issues.
- Wrote maintainable and extensible code in a team environment using C/C++ and Java, and maintained CI/CD deployments using Jenkins

Iowa State University

Software Engineer Co-op

Ames, Iowa
January 2016 - December 2018

- Developed students AccessPlus portal's Node backend and the frontend web design in Angular
- Worked with students on their projects on assignments, mentoring them in the field, and making sure the information is well perceived and understood

Projects

JD-Link

Developer & Maintainer

- A ReactJS & AWS Project that monitors and reports JD's equipments data in real time with
 - Tracked equipments' health data and battery level
 - Managed location services as well as handling reports and mapping data from db server to client.

MyEnroller

Developer & Maintainer

- A Medico's portfolio quoting system for health policies.
 - Created new myEnroller portal handling user log-in, quoting, and payments using C# and Javascript
 - Designed and implemented new Azure CI/CD pipelines

Education

M. Eng. Computer Engineering

Iowa State University

Ames, Iowa
September 2019 - December 2021

B.S. Software Engineering

Iowa State University

Ames, Iowa
August 2014 - December 2018

Languages and Technologies

Languages: (*experienced*): C#, Java, JavaScript; (*familiar*): C, Python, Javascript, PHP, SQL
Technologies: ReactJS, NodeJS, MVC, Azure, AWS, GCD, GraphQL