

Work Experience

StoneX Group Inc.

Senior Software Developer

Remote

February 2022 – Present

- Developing back-end platform used for generating financial policies
- Designing complicated SQL dynamic queries for updating databases
- Designing software architecture for new product platforms

Quality Consulting Inc (QCI)

Senior Software Engineer

Des Moines, IA

April 2019 – February 2022

- Developed the back-end infrastructure used for monitoring, tracking
- Designed the back-end RESTful APIs for various enterprise infrastructure
- Lead the onboarding process of new incoming Software Engineers
- Mentored new Software Engineers

Iowa State University

Software Engineer

Ames, IA

August 2017 - December 2018

January 2017 - May 2017

- 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

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

Three Commas, LLC

Consulting Full-Stack Engineer

Remote

May 2015 - January 2017

- 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.

Selected Projects

JD-Link

Developer & Maintainer

- A ReactJS & AWS Project that monitors and reports JD's equipment's data in real time with
- Tracked equipment's 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#, React, Node, Java, TypeScript, JavaScript, SQL, .NET Framework;
(*familiar*): C, Python, PHP, MongoDB

Technologies: ReactJS, NodeJS, MVC, Azure, AWS, GCD, GraphQL