Nishie Groe

Software Engineer

Chicago, IL
815.219.9863
nishiegroe@gmail.com
NishieGroe.com
LinkedIn
GitHub

Skills

Next.js

React

TypeScript

JavaScript

Redux

PostgreSQL

Docker

NodeJs

Contentful

Material UI

Interests

Gaming

Apex Legends and Minecraft

Homelab

Vaultwarden, Homeassistant, Portainer

TV & Movies

Grey's Anatomy, Dexter, Harry Potter, Breaking Bad

Education

Western Illinois University

Information Systems and Management

2018

Bachelors of Science

https://www.wiu.edu/

References

Sarah Shaw

John Deere

shawsarahl@johndeere.com

(536) 340-2920

Summary

Software Engineer with over 8 years of experience. Excels in full-stack development and Agile methodologies. Demonstrates a visionary approach to system architecture and user experience, leveraging skills in ReactJS/AngularJS, microservices, and AWS. Proven ability to lead international teams and streamline software lifecycles. Passionate about empowering teams and enhancing software lifecycles to achieve strategic business objectives.

Experience

United States Gypsum Corporation **May 2025 - Present**

Software Developer Chicago, IL

https://www.usg.com/

- Developed and maintained a **headless CMS–driven frontend**, enabling flexible content delivery and scalable UI development
- **Built and onboarded a development team**, establishing agile workflows and ceremonies to support rapid iteration
- **Led development efforts to successfully meet pilot go-live deadlines**, coordinating scope, priorities, and delivery
- **Planned and executed the post-pilot roadmap**, guiding the team toward full website deployment within scheduled timelines
- **Interviewed and evaluated engineering candidates**, contributing to the growth and long-term stability of the development team

John Deere **Jun 2022 - Aug 2024**

Senior Software Engineer Moline, IL

https://www.deere.com/en/

- **Led UI/UX modernization initiatives**, designing and implementing React-based micro-frontends to decompose legacy AngularJS and Java monoliths, significantly improving maintainability and development velocity
- **Architected and delivered multiple micro-frontends (MFEs)**, enabling independent deployment, clearer ownership, and faster feature iteration
- **Designed and implemented CI/CD pipelines using Drone**, automating build, test, and deployment workflows for JavaScript and Java micro-frontend applications
- **Modernized backend integrations** by replacing legacy SOAP APIs with RESTful services, improving performance, scalability, and developer experience
- **Conceptualized and developed a container UI framework** to seamlessly host and orchestrate micro-frontends, enhancing system architecture and user experience consistency
- **Leveraged SaaS platforms and AWS services** to host, deploy, and scale frontend and backend applications reliably
- **Conducted international knowledge transfer and technical enablement**, mentoring remote and onshore teams on React, micro-frontend architecture, and UI/UX best practices
- **Reworked and automated M&A operational processes** using advanced SQL capabilities, improving data accuracy and reducing manual effort

John Deere **Jun 2020 - Jun 2022**

Software Engineer Moline, IL

https://www.deere.com/en/

- **Optimized the software development lifecycle**, improving team productivity and accelerating time-to-market for critical product features
- **Fostered cross-functional collaboration** between engineering, product, and business stakeholders to align delivery with strategic objectives and elevate product quality
- **Supported application migrations to AWS**, contributing to improved scalability, reliability, and operational efficiency

John Deere **May 2018 - Jun 2020**

Engineering Development Program Moline, IL

https://www.deere.com/en/

- **Conducted comprehensive application portfolio analysis**, identifying and decommissioning underutilized ColdFusion systems to reduce maintenance overhead and optimize infrastructure resources
- **Led legacy system decommissioning efforts**, partnering with cross-functional teams to ensure smooth transitions with minimal disruption to business operations
- **Spearheaded SSO migration from SiteMinder to Okta** across ColdFusion applications, strengthening security posture and modernizing authentication workflows