



## 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



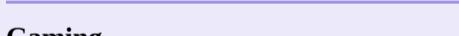
### Node.js



### 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

[shawsarah@johndeere.com](mailto:shawsarah@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

Chicago, IL

Software Developer

✉️ <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

Moline, IL

Senior Software Engineer

✉️ <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

Moline, IL

Software Engineer

✉️ <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

Moline, IL

Engineering Development Program

✉️ <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