Nishie Groe

Software Engineer

- Chicago, IL
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- 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

John Dolce
USG

johndolce@gmail.com

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