Michael Ragan

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Professional Summary

I'm a passionate Senior Software Engineer with over **16 years** of experience building user-friendly, scalable web platforms using **React** and **Next.js** with **TypeScript**, alongside **Java**, **Node.js** with **TypeScript**, and **AWS**. I love leading teams, with **7+ years** of guiding collaborative groups through sprint planning and technical discussions to create solutions that make a difference. At Oracle, I helped streamline knowledge base article creation, cutting time by **70%** with innovative **JavaScript** and **Java** tools, powered by **Kubernetes** and **Terraform**. Currently, I'm having a great time leading the charge on a modern payment platform at Convera, using **2-week** agile sprints to bring microfrontend architecture to life with **Nx**. I enjoy **mentoring** fellow engineers, reviewing code, and fostering **cross-functional collaboration** to achieve shared goals. I'm excited to take on a Tech Lead role, designing scalable systems and building strong, innovative teams.

Skills

- **Frontend:** React, Next.js, TypeScript, JavaScript, Redux, Nx
- **Backend:** Node.js, Java, GraphQL, Python
- **DevOps:** AWS, Docker, Kubernetes, Terraform, GitLab
- **Soft:** Team Management, Cross-Functional Collaboration, Mentorship, Technical Leadership

Professional Experience

Convera - Senior Software Engineer - Tech Lead

Remote, NY, USA | January 2024 - Present

- Guide the team in modernizing a payment platform, creating microfrontend solutions with **React**, **Next.js**, **TypeScript**, **Redux**, and **Nx**, hosted on **AWS**, delivering a seamless user experience.
- Run agile **2-week** sprints, leading daily scrums, sprint planning, and retros to keep the team aligned and energized.
- Build **GraphQL** APIs with WebSocket for real-time data, boosting platform scalability and delighting users.
- **Mentor** engineers through code reviews, encouraging **technical leadership** and teamwork across **cross-functional** groups.
- Deploy solutions using GitHub CI/CD pipelines and add E2E testing with Playwright to ensure smooth, reliable releases.

Oracle America - Principal Software Developer

Remote, NY, USA | February 2017 - January 2024

- Designed a **JavaScript** and **Java**-based GUI app with Oracle JET and PL/SQL, making knowledge base article creation faster and easier.
- Led **cross-functional** teams through sprint planning and migrations (like OAM to OAuth/SAML SSO), achieving **zero critical bugs**.
- Built scalable **React** apps with **TypeScript**, optimizing performance and cutting support tickets by **47%** with a user-friendly chatbot.
- Used Jenkins, **Kubernetes**, and **Terraform** for CI/CD and container orchestration, ensuring robust, scalable systems that met business needs.
- **Mentored** teammates through code reviews, fostering **technical leadership** and smooth collaboration across teams.
- Partnered with SecOPS to lead security and architecture reviews, ensuring our systems followed modern

safety and design best practices.

Oracle America - Senior Software Engineer

Remote, NY, USA | July 2013 - February 2017

- Created a WYSIWYG app with Adobe Flex and ActionScript, automating workflows and using XSLT to streamline knowledge base article creation.
- Launched a pilot project to share knowledge base snippets with search engines using PL/SQL and XML, boosting SEO and accessibility.
- Worked with **cross-functional** teams to deliver enhancements on time, proactively addressing risks and staying within budget.

Oracle America - Software Engineer

Remote, NY, USA | January 2010 - July 2013

- Developed a **JavaScript** library to simplify embeddable knowledge base apps, making development faster and more efficient.
- Launched a PHP-based video streaming service on WordPress with MySQL, improving internal communications.
- Added SSO authentication to web apps using PHP, PERL, and OAM, enhancing security and user experience.

Oracle America (Previously Primavera) - Technical Support Engineer

Remote, NY, USA | October 2008 - January 2010

- Partnered with engineering teams to solve technical challenges, wrote documentation, and created automated migration scripts to support customers.

Education

Bachelor's Degree in Computer Science (Network and Communications)

DeVry University, Fort Washington, PA, USA | September 2002 - March 2007

- Relevant coursework: Object-Oriented Programming, **Java** Development, Digital Logic, Project Management