Michael Ragan

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LinkedIn | Open to Remote

Professional Summary

Hey there, I'm a Full Stack Engineer with 16 years of experience
building systems that solve real problems, from Fintech platforms at
Convera to enterprise tools at Oracle. I love crafting clean, scalable
code with **React**, **Next.js**, **Node.js**, **TypeScript**, and **JavaScript**,
while designing **user-friendly interfaces** that make a difference. I
thrive on guiding teams, **mentoring** engineers, and collaborating
cross-functionally to turn ideas into impactful **AI-driven products**.

Skills

- **Frontend Development**: React, Next.js, TypeScript,
  JavaScript, Redux, HTML, CSS
- **Backend Development**: Node.js, Python, GraphQL, Java, PHP
- **Database & Data Systems**: PostgreSQL, MongoDB, MySQL,
  DynamoDB
- **DevOps & Deployment**: Docker, AWS, Kubernetes, Git,
  Playwright, Jest
- **Leadership & Practices**: Mentorship, Cross-Functional
  Collaboration, Architectural Design, UI/UX Design, Security-
  First Engineering
- **AI & Automation**: AI Tools, Claude Code, AI/ML Integration

Professional Experience

Senior Software Engineer - Tech Lead
Convera, New York, NY (Remote) | Jan 2024–Present
- Designed and deployed **React** and **Next.js**-based microfrontends for
payment and reporting flows, enhancing **user experience** and system
modularity.
- Architected scalable **Node.js**-based microservices using **TypeScript**,
and **MongoDB** on **AWS**, powering payment systems.
- Built a **GraphQL** module to streamline data retrieval for payment
reporting, optimizing **query performance** by 25%.
- Mentored junior developers in **React**, **Redux**, and **Node.js**, boosting
team efficiency and **code quality**.
- Optimized **CI/CD** pipelines with **Docker**, cutting **deployment time**
by 30%.
- Enhanced **Playwright** tests to ensure end-to-end **payment
reliability**, maintaining **99.9% uptime**.
- Integrated **RESTful APIs** to ensure seamless **platform
connectivity**, aligning with **user feedback**.

Principal Software Developer
Oracle Corporation, New York, NY (Remote) | Feb 2017–Jan 2024
- Led **React**, and **TypeScript**-based development for high-traffic **web
applications**, leveraging **usability** for scalability.
- Developed a **Node.js**-based chatbot with **MongoDB**, empowering
users to **self-serve their needs**, reducing support tickets by 47%.
- Mentored cross-functional teams on **Agile practices** and
TypeScript, ensuring **on-time delivery** of complex projects.
- Created a **TypeScript**-based **GUI** with **Oracle JET** to address a
usability gap in the core support portal application.
- Crafted **GraphQL** APIs for **secure data delivery**, boosting
application performance.
- Deployed **OAuth/SAML SSO** across 10+ applications using **Docker**,
streamlining **secure access**.

Senior Software Engineer
Oracle Corporation, Angelica, NY (Remote) | Jul 2013–Feb 2017
- Built a **PL/SQL**-based SEO project with **XML enhancements**, improving **data visibility**.
- Developed an **Adobe Flex**-based WYSIWYG app, streamlining **automation** and boosting **productivity** by 20%.

Software Developer
Oracle, Angelica, NY (Remote) | Jan 2010–Jul 2013
- Created a **JavaScript**-based library for **SPAs**, slashing **development time** by 70% (48 to 12 hours).
- Launched a **PHP**-based video streaming service with **MySQL**, enhancing **internal communications**.

Technical Support Engineer
Primavera, Angelica, NY (Remote) | Oct 2008–Jan 2010
- Automated **migration tasks** during Oracle's acquisition of Primavera, streamlining **integration**.
- Collaborated with engineers to resolve **complex issues**, boosting **customer satisfaction**.

Education

Bachelor's Degree in Computer Science
DeVry University, Fort Washington, PA | Sep 2002–Mar 2007
- Relevant Coursework: Object-Oriented Programming, Java Development, Digital Logic