

Antonio Rice

Greater Minneapolis-St. Paul, MN | contact@antoniorice.com
antoniorice.com | github.com/antoniorice | [linkedin.com/in/riceantonio](https://www.linkedin.com/in/riceantonio)

Professional Summary

Senior Software Engineer with 7+ years of experience building scalable solutions with React.js, Node.js, .NET Core, and Kafka. Expertise in designing and optimizing microservices to improve system performance and streamline cloud-based applications on AWS and Azure. Proven track record of leading migrations, mentoring developers, and driving collaboration in Agile environments to deliver impactful business solutions.

Work Experience

Various Clients - International

Freelance Software Engineer (remote) Sep 2023 - Present

- Developed a custom cloud-based guest management system on AWS, transforming a hotel's workflow from paper processes to digital operations, enhancing guest tracking and reducing administrative time by 90%. (MERN)
- Identified clients, proposed tailored solutions, and independently architected, developed, deployed, and maintained full-stack applications using React.js and Node.js (Express), owning every stage of the software development lifecycle.

C.H Robinson - Greater Minneapolis-St.Paul, MN

Senior Software Engineer - Tech Lead (remote) June 2022 - Mar 2023

- Built optimized RESTful APIs and microservices with Node.js and .NET Core (C#), leveraging Kafka, Kubernetes and Docker to boost data processing and supply chain visibility.
- Directed a team of 7 engineers, streamlining processes by providing technical guidance, conducting code reviews, and designing scalable systems, resulting in a 30% increase in sprint productivity.
- Defined product roadmaps, evaluated features, and delivered scalable solutions in collaboration with PMs and BAs.

Software Engineer I - II (onsite) Oct 2017 - June 2022

- Modernized a flagship SaaS application by refactoring from AngularJS to React.js, enabling responsiveness, and utilizing Azure for cloud deployment.
- Reduced system downtime by 25% by implementing API monitoring with tools like Grafana and Datadog.
- Collaborated with Data Scientists to implement predictive freight tracking using Python, forecasting shipment delays by analyzing real-time disruptions such as weather and wildfires.
- Streamlined customer onboarding as SME by developing secure Kafka-based data migration microservices and requirements checklists, successfully integrating 3-5 Fortune 500 clients per quarter.
- Designed and launched an in-app chat system using Socket.io and a notification system for SMS (via Twilio) and email, boosting user engagement and communication with a 30% increase in session duration.

Education

BA, Economics, University Of Minnesota - Twin Cities

Certifications & Technical Skills

Azure Fundamentals, Microsoft Jul 2021
Software Engineering, Prime Digital Academy May 2017 - Sep 2017

Programming Languages & Frameworks: JavaScript, Python, C#, SQL, React.js, Node.js, .NET Core

Tools and Platforms: Docker, Kubernetes, Azure, AWS Cloud Services (EC2, S3, SES)

Databases and Data Technologies: MongoDB, PostgreSQL, Microsoft SQL Server, Elasticsearch, Kafka, RabbitMQ