

Nicholas Negrete

Columbus, OH | (419) 689-6345 | negretenico0@gmail.com | [LinkedIn](#) | [GitHub](#)

Software Engineer | Distributed Systems & Cloud Security Specialist

Building Scalable, High-Throughput Systems & Fortifying Cloud Security for Enterprise-Scale Applications.

High-Impact Software Engineer recognized for architecting distributed system in enterprise environments. Known for designing event-driven microservices that optimize performance, including a Kafka-driven data processing system that **accelerated response times by 10x**

Scalable System Architecture • Performance Optimization • Cloud Infrastructure Strategy
Authentication & Security Engineering • High-Throughput Data Processing • API Design & Integration
Cross-Functional Collaboration • Solution-Oriented Problem Solving • Technical Leadership & Mentorship

Professional Experience

Software Engineer III | JPMorgan Chase – Columbus, OH

08/2021 – present

Brought on to develop and maintain high-traffic financial applications, focusing on distributed systems and microservices architecture. Collaborate with cross-functional teams to enhance system reliability, improve authentication systems, and optimize cloud infrastructure, ensuring seamless banking operations at enterprise scale.

- Implemented contract, performance, and component test automation frameworks, enhancing confidence that application deployments comply with firm standards, improving code reliability and quality
- Designed and implemented a full-stack cloud monitoring system overseeing 200+ internal applications, ensuring real-time performance insights and compliance with coding standards.
- Engineered a monolith-to-microservices migration, leveraging MongoDB, Spring, and Kafka, improving system scalability, reliability, and deployment speed.
- Developed an AWS cloud training program, **leading to 64% of participants earning AWS Developer Associate** certifications, enhancing teamwide cloud expertise.
- **Reduced 504 errors to <2%** by identifying vendor performance issues via Splunk logs, improving system reliability and preventing application failures.
- Refined dealer search functionality, resulting in a 3% reduction in customer drop-off and an improved overall customer experience
- Built and maintained an application responsible for processing and lending out ~50 lease-to-loan applications daily, ensuring secure and efficient financial transactions
- Implemented an initiative to allow users to automatically accept offers, leveraging polling with React Query to ensure data persistence before offer acceptance—resulting in a **2% increase in booking rates** over the past year.

Technical Acumen

- **Programming & Frameworks:** Java, Python, JavaScript, TypeScript, Spring Boot, Flask, React, Node.js, API Development
- **Databases & Cloud Technologies:** MongoDB, DynamoDB, PostgreSQL, Redis, AWS, CI/CD Pipelines, Splunk
- **System Architecture & Methodologies:** Event-Driven Architecture, Microservices, Domain-Driven Design, Agile, Scrum, Test Automation (Jest, JUnit, Jacoco, Pact, PactFlow)

Education

Bachelor of Science in Computer Science Engineering | The Ohio State University – Columbus, OH