

Jonas Schreiber

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SUMMARY

Solutions Architect & Observability Advocate

As an accomplished engineering leader, I guide and motivate high-performing teams to deliver complex scalable, maintainable, and reliable solutions on time. With over 10 years in the industry and 5 years as a leader, I have a deep understanding of the software development lifecycle. I excel in hiring, mentoring, and managing talented engineers, fostering a culture of continuous learning and growth.

EXPERIENCE

Solutions Architect

RevSpring Inc

August 2020 - Present, Hamilton, NJ

• Team Leadership and Cloud Microservices Development

- Leading a team developing products for the next generation of patient acquisition and patient engagement, including self scheduling, referral management, HIPAA-compliant data exchange, and instant messaging
- Oversee the migration of workloads to the cloud
- Oversee the end-to-end development lifecycle, ensuring sound architecture, scalability, and reliability

• Data Brokering and Integration

- Facilitate seamless data exchange between the colocation (colo) stack and the cloud-native stack
- Orchestrate data flow between various business units, external partners, and Electronic Health Records (EHRs)

• Appointment Availability Optimization

- Engineer a solution to surface appointment availability by intelligently intersecting location availability, resource availability, and patient preferences
- Implement algorithms to match existing patients by demographics

• Asynchronous Messaging Architecture

- Design and implement an efficient asynchronous messaging system to enhance communication across services
- Leverage message queues and event-driven patterns for real-time data processing

• Championing Best Practices

- Advocate for security, observability, performance, and interoperability across cross-functional teams
- Collaborate with stakeholders to ensure adherence to industry standards and best practices

Site Reliability Engineer / Software Engineer III

iCIMS

October 2018 - August 2020, Holmdel, NJ

• Performance Optimization

- Spearheaded initiatives to minimize performance overhead related to database logging.
- Streamlined data storage and retrieval processes, enhancing system efficiency.

• Observability Enhancement

- Drove efforts to enhance system observability and monitoring.
- Implemented robust logging, metrics, and tracing mechanisms for proactive issue detection.

• **Alerting Refinement**

- Collaborated on initiatives to fine-tune alerting mechanisms.
- Ensured timely notifications for critical events and anomalies.

• **Legacy Modernization**

- Led technical debt reduction and modernization efforts for legacy applications.
- Upgraded outdated components, improving maintainability and scalability.

Senior Software Engineer

Talksoft Corp

September 2013 - October 2018, Lawrenceville, NJ

- Architected and maintained RESTful APIs using Spring Boot, achieving 99.9% uptime.
- Researched and developed core Java solutions, leveraging data structures to ensure efficient processing.
- Developed scalable containerized solutions using Docker, enhancing application performance and reliability.
- Designed and implemented CI/CD pipelines using Jenkins, improving deployment frequency by 30%.

EDUCATION

Bachelor of Science in Computer Science

Rutgers University • New Brunswick, NJ • 3.82

Bachelor of Science in Mathematics

University of Utah • Salt Lake City, UT

CERTIFICATIONS

Stanford Machine Learning

Coursera

SKILLS

Amazon Web Services

Java, Spring Boot, Angular, Golang

MySQL, MongoDB, Redis

Event Sourcing, RabbitMQ, ActiveMQ, SQS, Change Data Capture, Server Sent Events

CircleCI, Jenkins, Terraform

Sentry, Prometheus, New Relic, Datadog, Zipkin

Elasticsearch, Sumo Logic, Splunk