John Doe

Senior Software Engineer
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SUMMARY

Senior Software Engineer with 10+ years of experience designing, building, and operating large-scale distributed systems at global technology companies. Deep expertise in backend systems, cloud-native infrastructure, and developer platforms. Known for strong ownership, technical leadership, and ability to deliver resilient systems in high-ambiguity environments.

TECHNICAL SKILLS

Languages: Java, Python, Go, Scala, JavaScript
Systems: Distributed Systems, Microservices, Event-Driven Architectures, REST/gRPC APIs
Cloud & Infra: AWS, GCP, Kubernetes, Docker, Terraform, CI/CD Pipelines
Data: PostgreSQL, MySQL, Redis, Kafka, Spark, BigQuery
Engineering: System Design, Observability, Reliability Engineering, Security Best Practices

PROFESSIONAL EXPERIENCE

Senior Software Engineer – Google | Mountain View, CA | 2019 – Present

- Tech lead for backend services supporting core user-facing products with millions of daily active users.
- Designed and implemented scalable microservices in Java and Go deployed on Kubernetes and GCP.
- Led multi-quarter initiatives to improve service reliability, achieving a 40% reduction in production incidents.
- Defined service SLOs, built monitoring dashboards, and standardized alerting across multiple teams.
- Mentored engineers through design reviews, code reviews, and career development discussions.

Software Engineer – Amazon Web Services (AWS) | Seattle, WA | 2015 – 2019

- Developed highly available backend systems for internal AWS platforms handling billions of requests per day.
- Designed fault-tolerant data pipelines using Kafka and Spark to support near real-time analytics workloads.
- Improved system performance and cost efficiency through architectural refactoring and capacity planning.
- Participated in on-call rotations and led post-incident reviews to drive long-term reliability improvements.

Software Engineer – Microsoft | Redmond, WA | 2012 – 2015

- Built backend services for enterprise-scale platforms using C# and distributed SQL technologies.
- Implemented performance optimizations that reduced average request latency by 25%.
- Collaborated with product managers and QA teams to deliver features used by large enterprise customers.

EDUCATION

Master of Science in Computer Science
Georgia Institute of Technology (Georgia Tech)

Bachelor of Science in Computer Engineering
University of Illinois at Urbana-Champaign

SELECTED PROJECTS

Developer Platform Modernization

- Led a multi-team effort to modernize an internal developer platform supporting hundreds of services.
- Broke down a legacy monolithic system into independently deployable microservices using gRPC and REST.
- Introduced standardized CI/CD pipelines, reducing average deployment times from hours to under 15 minutes.
- Improved developer productivity and reduced operational overhead by introducing self-service tooling.

High-Throughput Event Processing Platform

- Designed and implemented a Kafka-based event processing platform handling millions of events per second.
- Ensured strong data consistency and fault tolerance using partitioning, replication, and idempotent consumers.
- Integrated real-time monitoring and alerting to detect lag, backpressure, and data loss scenarios.
- Platform became a foundational component used by multiple downstream analytics and ML teams.

Service Reliability & Observability Initiative

- Championed organization-wide improvements to observability across critical backend services.
- Standardized logging, metrics, and tracing using OpenTelemetry and cloud-native tooling.
- Reduced mean-time-to-detection (MTTD) by 35% and improved on-call experience for engineers.
- Authored internal best-practice guides adopted by multiple engineering teams.

LEADERSHIP & IMPACT

- Regularly served as technical lead for initiatives involving 5–10 engineers across multiple teams.
- Known for clear technical communication, thorough design documentation, and pragmatic decision-making.
- Trusted advisor to product partners on feasibility, tradeoffs, and long-term technical strategy.

CERTIFICATIONS

AWS Certified Solutions Architect – Professional
Google Cloud Professional Cloud Architect