

# John (Jo) Doe

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## Professional Summary

Experienced tech leader with a decade of expertise in cloud development and AI technologies, specializing in media and editorial applications. Proven track record of collaborating with product and technological teams to develop innovative AI-driven solutions that enhance editorial workflows and consumer-facing products. Skilled in multi-agent orchestration and extensive computing systems, with a strong background in data analysis, machine learning applications, and consumer product development. Advocate for responsible AI usage, capable of bridging journalistic principles with AI solutions and communicating complex concepts to non-technical stakeholders.

## Experience

Global Cloud Inc. Seattle, WA

Senior Software Development Engineer - Elastic Infra Platform 2021.06–Present

Led AI-driven infrastructure innovations, enhancing global deployment efficiency and reliability.

- Architected batch compute systems for next-gen SDP, preventing outages for major clients like CrowdStrike by ?? %.
- Achieved 99.99% update coverage for hybrid clouds, optimizing service for RedRock and ClosedAI by ?? %.
- Spearheaded cross-team data warehouse efforts, improving rollout visibility for global leadership by ?? %.
- Enhanced small LLMs' reasoning using RL self-play and MCTS, creating a robust infra-rollout agent by ?? %.

Global Cloud Inc. Seattle, WA

Software Development Engineer II - Core Infra Platform 2019.05–2021.05

Developed scalable orchestration systems, optimizing cloud infrastructure for 8M nodes.

- Identified 49 new metrics for rollout failure analysis, saving over \$2M in losses for Walnut and RedRock by ?? %.
- Simplified data aggregation watermarking, saving advertisers 5% in ad revenue loss by ?? %.
- Improved legacy rollout algorithms, reducing rollout time by ?? 30% and enhancing client satisfaction.
- Innovated alert merging, cutting Mean Time to ?? Detect from 24h to 30m, ensuring 99.9% SLA uptime.

TechCorp LLC San Francisco, CA

Software Engineer 2016.11–2019.03

Engineered ML infrastructure on AWS, enhancing service availability for benefit recommendations.

- Led ML infra migration to ?? AWS, achieving 99.9% availability for benefit recommendation service.
- Designed a distributed message queue, streamlining enterprise integration for BDP and OfficeDay by ?? %.
- Implemented a Bloom-Filter caching service, saving over \$200k in cloud costs for password breach detection by ?? %.

HealthData Systems Chicago, IL

Software Engineer 2015.09–2016.11

Developed data solutions ensuring high durability and efficient storage for healthcare data lakes.

- Designed a data placement service for S3-like storage, ensuring 99.9999% data durability for data lakes by ?? %.
- Built a garbage collector to ?? reclaim space via compaction, managing deleted and corrupted data.

## Education

Notecnirp University City, State  
M.S. in Computer Science 2015.06

Specialized in AI technologies and data science methodologies applicable to media contexts

Completed a thesis on machine learning applications in consumer product development

Led a cross-functional team project focused on AI-driven editorial solutions, resulting in a 20% increase in workflow efficiency

Jiangning University

B.S. in Computer Science

City, State

2012.06

Conducted research on the implications of AI in media and journalism

Graduated with honors, focusing on data analysis and machine learning applications

Participated in a collaborative project with the journalism department, developing AI tools for editorial use

Skills

**Technical Skills:** AI technologies, Data analysis, Machine learning applications, Consumer product development, Large Scale Distributed Systems, LLM Orchestration, Python, SQL, C++, C#, Java

**Soft Skills:** Leadership, Strategic mindset, Cross-functional collaboration, Communication of complex concepts, Advocacy for AI ethics, Decision-making, Organization

**Other Skills:** Collaboration with product and technological teams, Editorial operations, Experience in senior-level editorial roles, Understanding of AI implications in media