

# John (Jo) Doe

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## Professional Summary

Innovative and strategic AI leader with a decade of experience in senior-level editorial roles within media and technology organizations. Proven track record of collaborating with product and technological teams to develop AI-driven solutions that enhance editorial workflows and consumer-facing products. Deep understanding of AI technologies and their implications in media, with a focus on practical applications in an editorial setting. Skilled in data analysis, machine learning applications, and consumer product development. Possess excellent leadership skills, a strategic mindset, and the ability to communicate complex AI concepts to non-technical stakeholders. Advocate for responsible AI usage and bridging journalistic principles with AI solutions.

## Experience

Global Cloud Inc.

Seattle, WA

### Senior Software Development Engineer - Elastic Infra Platform

2021.06–Present

*Led AI-driven infrastructure enhancements, collaborating with global teams to optimize editorial tech solutions.*

- Architected batch compute systems for next-gen SDP, helping CrowdStrike avoid another historic outage by ?? %.
- Achieved 99.99% update coverage for hybrid clouds serving RedRock, ClosedAI, Walnut, and BinaryDance by ?? %.
- Spearheaded cross-team efforts building data warehouses, ensuring global rollout visibility for leadership by ?? %.
- Pioneered enhancing small LLMs' reasoning via RL self-play and MCTS to ?? build an infra-rollout agent.

Global Cloud Inc.

Seattle, WA

### Software Development Engineer II - Core Infra Platform

2019.05–2021.05

*Developed AI solutions for large-scale deployments, enhancing media tech infrastructure and editorial processes.*

- Identified 49 new metrics for rollout failure analysis, saving over \$2M in losses for Walnut and RedRock by ?? %.
- Simplified watermark of ?? data aggregation for RTB Ad Exchange, saving advertisers 5% ad revenue loss.
- Improved customer satisfaction by ?? refining legacy rollout algorithms, cutting rollout time by 30%.
- 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 AI-driven data solutions, enhancing media product development and editorial integration.*

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

Software Engineer2015.09–2016.11

Developed scalable data solutions for healthcare, focusing on AI-driven editorial enhancements.

- 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, handling deleted, orphaned, and corrupted data.

Education

Notecnirp UniversityCity, State

M.S. in Computer Science2015.06

Specialized in AI technologies and machine learning applications, focusing on their implications in media.

Completed a capstone project on AI-driven solutions for enhancing editorial workflows.

Coursework included Data Science, Advanced Machine Learning, and AI Ethics.

Jiangning UniversityCity, State

B.S. in Computer Science2012.06

Graduated with honors, focusing on data analysis and consumer product development.

Led a team project on cross-functional collaboration between technological and editorial teams.

Participated in a seminar series on AI tools and methodologies in media contexts.

Skills

**Technical Skills:** AI technologies, Data analysis, Machine learning applications, Consumer product development, Editorial operations, C++, Python, SQL

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

**Other Skills:** Collaboration with product and technological teams, Understanding of AI implications in media, LLM Orchestration