

John (Jo) Doe

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Professional Summary

Seasoned tech lead with eight years of cloud development experience, specializing in AI technologies and their applications in media and editorial contexts. Proven track record of collaborating with product and technological teams to develop innovative solutions that bridge journalistic principles with AI advancements. Skilled in multi-agent orchestration, data analysis, and machine learning applications, with a strong focus on enhancing editorial workflows and consumer-facing products. Adept at communicating complex AI concepts to non-technical stakeholders and advocating for responsible AI usage. Holds a deep understanding of editorial operations and is committed to driving AI-driven innovation in media settings.

Experience

Global Cloud Inc. Seattle, WA

Senior Software Development Engineer - Elastic Infra Platform 2021.06–Present

Led AI-driven infrastructure innovations, enhancing global deployment strategies and cross-team collaboration.

- 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

Enhanced rollout efficiency and reliability through data-driven analysis and innovative alert systems.

- 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

Drove cloud migration and integration projects, optimizing cost and service availability for media platforms.

- 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 Engineer

2015.09–2016.11

Developed robust data storage solutions ensuring high durability and efficient data management.

- 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 University

City, State

M.S. in Computer Science

2015.06

Completed advanced coursework in AI technologies and data science, focusing on applications in media and editorial contexts

Led a capstone project on developing AI-driven solutions for enhancing editorial workflows, achieving a 20% increase in efficiency

Collaborated with cross-functional teams to integrate machine learning applications into consumer product development

Jiangning University

City, State

B.S. in Computer Science

2012.06

Graduated with honors, specializing in data analysis and machine learning methodologies

Conducted a research project on the implications of AI technologies in media, receiving the university's Research Excellence Award

Completed a certification in Data Science, focusing on AI ethics and responsible usage in media applications

Skills

Technical Skills: AI technologies, Data analysis, Machine learning applications, Consumer product development, Large Scale Distributed Systems, LLM Orchestration, 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, Editorial operations, Understanding of AI implications in media