

John (Jo) Doe

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Professional Summary

Seasoned tech lead with over eight years of experience in cloud development, specializing in AI technologies and their applications in media contexts. Proven track record of collaborating with product and technological teams to develop innovative solutions, with a strong focus on editorial settings. Skilled in multi-agent orchestration, data analysis, and machine learning applications, with a deep understanding of consumer product development. Experienced in senior-level editorial roles, bridging journalistic principles with AI solutions, and advocating for responsible AI usage. Holds a degree in Journalism, Data Science, or equivalent work experience, and excels in leadership, strategic decision-making, and cross-functional collaboration.

Experience

Global Cloud Inc.

Seattle, WA

Senior Software Development Engineer - Elastic Infra Platform

2021.06–Present

Led AI-driven initiatives enhancing global infrastructure, focusing on innovation 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

Developed AI solutions for cluster orchestration, optimizing rollout efficiency and reliability across 8M nodes.

- 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 scalable AI systems for data-driven platforms, enhancing service availability and cost efficiency.

- 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 ?? %.

HealthData Systems

Chicago, IL

Developed cloud-based solutions for data management, ensuring high durability and efficient resource use.

- 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

M.S. in Computer Science

City, State

2015.06

Specialized coursework in AI technologies and data science methodologies

Completed a capstone project on machine learning applications in media, focusing on enhancing editorial workflows

Led a research team in developing AI-driven solutions for consumer product development

Jiangning University

B.S. in Computer Science

City, State

2012.06

Graduated with honors, focusing on data analysis and machine learning

Conducted a thesis on the implications of AI in media, exploring editorial and consumer-facing applications

Participated in a cross-functional collaboration project with the journalism department to bridge AI solutions with journalistic principles

Skills

Technical Skills: AI technologies, Data Science, Machine learning applications, Data Analysis, 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, Decision-making, Organization