

John (Jo) Doe

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Professional Summary

Seasoned 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. Expert in AI technologies, data analysis, and machine learning applications with a strong understanding of their implications in media. Skilled in multi-agent orchestration and extensive computing systems, with a strategic mindset and excellent leadership skills. Advocate for responsible AI usage, capable of communicating complex AI concepts to non-technical stakeholders. Holds an advanced degree in Journalism or Data Science, or equivalent work experience.

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

Developed orchestration systems, optimizing node rollouts and enhancing data-driven decision-making.

- 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 cloud solutions and AI-driven services, enhancing integration 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

Software Engineer 2015.09–2016.11

Developed data management solutions, ensuring data durability and efficient resource utilization.

- 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 methodologies, focusing on applications in media.

Led a capstone project on machine learning applications for editorial content optimization, collaborating with cross-functional teams.

Received recognition for a thesis on AI-driven solutions for enhancing consumer product development in media.

Jiangning University

B.S. in Computer Science

City, State

2012.06

Participated in a research project on data analysis techniques for media applications, resulting in a published paper.

Completed a minor in Data Science, focusing on AI tools and methodologies relevant to editorial contexts.

Graduated with honors, demonstrating strong leadership and collaboration skills in academic settings.

Skills

Technical Skills: AI technologies, Data Science, Data Analysis, Machine Learning Applications, Consumer Product Development, Large Scale Distributed Systems, LLM Orchestration, Python, Java, C++, C#, SQL

Soft Skills: Leadership, Strategic Mindset, Cross-functional Collaboration, Communication of Complex Concepts, Advocacy for AI Ethics, Decision-making, Organization

Other Skills: Editorial Operations, Collaboration with Product and Technological Teams