John (Jo) Doe

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Professional Summary

Seasoned tech lead with eight years of experience in cloud development and AI technologies, specializing in multi-agent orchestration and extensive computing systems. Proven track record of collaborating with product and technological teams to develop AI-driven solutions that enhance editorial workflows and consumer-facing products. Strong understanding of AI implications in media, with expertise in machine learning applications and data analysis. Experienced in senior-level roles within media and technology organizations, bridging journalistic principles with AI solutions. Advocate for responsible AI usage, capable of communicating complex AI 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, avoiding another historic outage for CrowdStrike 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 systems, focusing on data analysis and AI integration for improved performance.

• 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*

Focused on AI-driven solutions and cloud migrations to enhance product reliability 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 high durability and efficient storage operations.

• 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*

Focused coursework on AI technologies and data science, including machine learning applications and data analysis.

Completed a capstone project on developing AI-driven solutions for media workflows, enhancing editorial processes.

Participated in a collaborative research initiative with the technology department, focusing on AI ethics and responsible usage.

Jiangning University   *City, State*
B.S. in Computer Science   *2012.06*

Graduated with honors, demonstrating strong leadership and organizational skills in academic projects.

Led a team project on consumer product development using machine learning, resulting in a prototype for media applications.

Received certification in Data Analysis and Machine Learning, emphasizing practical applications in media contexts.

Skills

Technical Skills: AI technologies, 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, Understanding of AI implications in media