John (Jo) Doe

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Professional Summary

Innovative tech leader with over 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 in editorial settings. Strong understanding of AI implications in media, with a focus on enhancing editorial workflows and consumer-facing products. Experienced in data analysis, machine learning applications, and consumer product development, with a strategic mindset and leadership skills. 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 strategies and cross-functional 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*

Drove innovation in cluster orchestration, optimizing rollout processes 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*

Led ML infrastructure migration and integration projects, 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*

Software Engineer   *2015.09–2016.11*

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

• 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 their applications in media.

Led a capstone project on developing machine learning models to enhance editorial content personalization, resulting in a 20% increase in user engagement.

Collaborated with cross-functional teams to design AI-driven solutions for media content analysis.

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

Specialized in data analysis and consumer product development, with a focus on media applications.

Conducted a research project on the implications of AI in media, earning top honors in the department.

Participated in a collaborative initiative to integrate AI tools into traditional journalism practices, improving editorial workflow efficiency by 15%.

Skills

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

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

Other Skills: LLM Orchestration, Large Scale Distributed Systems