John (Jo) Doe

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Professional Summary

Seasoned tech lead with over eight years of experience in cloud development and AI innovation, specializing in multi-agent orchestration and extensive computing systems. Proven track record of collaborating directly with product and technological teams to develop AI-driven solutions that enhance editorial workflows and consumer-facing products. Strong background in AI technologies and data science, with a focus on practical applications in media contexts. Adept at bridging journalistic principles with AI solutions, advocating for responsible AI usage, and effectively communicating complex AI concepts to non-technical stakeholders. Holds a deep understanding of editorial operations and is skilled 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 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 for large-scale deployments, focusing on data analysis and AI integration.

- 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 for benefit optimization, enhancing data-driven decision-making processes.

- 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*

Engineered cloud-based solutions for data management, focusing on durability and efficiency improvements.

- 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 on AI technologies and their applications in media settings

Completed a capstone project on machine learning applications for editorial workflows

Coursework included Advanced Data Science, AI Ethics, and Consumer Product Development

Jiangning University   *City, State*
B.S. in Computer Science   *2012.06*
Graduated with honors, emphasizing data analysis and machine learning

Led a team project developing AI-driven solutions for media content management

Relevant coursework: Data Analysis, Machine Learning, Cross-functional Collaboration

Skills

Technical Skills: AI technologies, Data analysis, Machine learning applications, Consumer product development, Python, SQL, Large Scale Distributed Systems, LLM Orchestration
Soft Skills: Leadership, Strategic mindset, Cross-functional collaboration, Communication of complex AI concepts, Advocacy for AI ethics
Other Skills: Collaboration with product and technological teams, Editorial operations, Decision-making, Organization