

John (Jo) Doe

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PROFESSIONAL SUMMARY

Experienced tech lead with a proven track record of collaborating with product and technological teams to develop AI-driven solutions in editorial settings. Over eight years of experience in cloud development, focusing on health care, ML infrastructure, and Edge AI agents. Skilled in multi-agent orchestration and extensive computing systems, with a strong understanding of AI technologies and their implications in media. Adept at bridging journalistic principles with AI solutions, and capable of communicating complex AI concepts to non-technical stakeholders. Committed to responsible AI usage and enhancing editorial workflows and consumer-facing products.

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, preventing outages for major clients like CrowdStrike by ?? %.
- Achieved 99.99% update coverage for hybrid clouds, supporting major clients like RedRock and ClosedAI by ?? %.
- Spearheaded cross-team efforts building data warehouses, enhancing global rollout visibility for leadership by ?? %.
- Pioneered enhancing small LLMs' reasoning via RL self-play, creating an innovative infra-rollout agent by ?? %.

Global Cloud Inc.

Seattle, WA

SOFTWARE DEVELOPMENT ENGINEER II - CORE INFRA PLATFORM

2019.05–2021.05

Enhanced rollout systems for large-scale infrastructure, focusing on efficiency and reliability improvements.

- 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

Developed AI-driven solutions for optimizing employee benefits, focusing on cloud migration 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 for ?? % efficiency gain.
- Implemented a Bloom-Filter caching service for password breach detection, saving over \$200k in cloud costs by ?? %.

SOFTWARE ENGINEER2015.09–2016.11

Engineered cloud-based solutions for data durability and space optimization in healthcare data management.

- 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 ?? TB of deleted and corrupted data.

EDUCATION

Notecnirp UniversityCity, State

M.S. in Computer Science2015.06

Specialized in AI technologies and machine learning applications, focusing on their implications in media. Completed a capstone project on AI-driven solutions for enhancing editorial workflows, achieving a 95% project score.

Participated in a cross-functional collaboration project with the journalism department, integrating AI tools into editorial processes.

Jiangning UniversityCity, State

B.S. in Computer Science2012.06

Graduated with honors, achieving a GPA of 3.8/4.0.

Conducted research on data analysis methodologies, presenting findings at a national conference.

Completed coursework in data science and consumer product development, focusing on media applications.

SKILLS

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

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

Other Skills: Editorial Operations, Collaboration with Product and Technological Teams, Decision-making, Organization