**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 computing systems. Proven track record of collaborating with product and technological teams to develop AI-driven solutions and practical applications, particularly in media and editorial contexts. Strong understanding of AI implications in media, with experience in senior-level editorial roles. Skilled in data analysis, machine learning applications, and consumer product development, with a strategic mindset and leadership skills to bridge journalistic principles with AI solutions. Advocate for responsible AI usage, capable of communicating complex AI concepts to non-technical stakeholders.

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| 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 operational efficiencies.

• 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 AI solutions for cluster orchestration, improving rollout efficiency and reducing operational costs.

• 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 ML infrastructure migration and integration, 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

Engineered data solutions for cloud storage, ensuring high data durability and efficient space 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 deleted, orphaned, and corrupted data.

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| EDUCATION |

**Notecnirp University** City, State

**M.S. in Computer Science** 2015.06

• Focused on AI technologies and data science methodologies applicable to media contexts.

• Completed a thesis on machine learning applications in consumer product development, achieving a 95% accuracy rate in predictive models.

• Collaborated with cross-functional teams on projects integrating AI solutions into editorial workflows.

**Jiangning University** City, State

**B.S. in Computer Science** 2012.06

• Graduated with honors, maintaining a GPA of 3.8/4.0.

• Led a team project developing a data analysis tool for media content, resulting in a 30% improvement in content categorization efficiency.

• Completed coursework in data analysis, machine learning, and consumer product development.

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| SKILLS |

TECHNICAL

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

SOFT

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

OTHER

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

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| PROJECTS |