John (Jo) Doe

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Personal Summary

B-round startup veteran tech lead with eight years of cloud development experience across verticals, including health care, ML infra, and Edge AI agents. Skilled in multi-agent orchestration and extensive computing systems.

Professional Experience

Global Cloud Inc. — Seattle, WA

Senior Software Development Engineer - Elastic Infra Platform **2021.06–Present**

Union Deployment, like a deployment carpool streamlining update flow across global infrastructure:

- Architected batch compute systems for next-gen SDP, helping CrowdStrike avoid another historic outage.
- Achieved 99.99% update coverage for hybrid clouds serving RedRock, ClosedAI, Walnart, and BinaryDance.
- Spearheaded cross-team efforts building data warehouses, ensuring global rollout visibility for leadership.
- Pioneered enhancing small LLMs' reasoning via RL self-play and MCTS to build an infra-rollout agent.

Software Development Engineer II - Core Infra Platform **2019.05–2021.05**

Northstar, a cluster orchestration system coordinating rollouts to 8M nodes provisioned by top cloud providers:

- Identified 49 new metrics for rollout failure analysis, saving over $2M in losses for Walnart and RedRock.
- 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**

Health Plan Marketplace, a data-driven platform that optimizes employee benefits renewal strategies:

- 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.
- Implemented a Bloom-Filter caching service for password breach detection, saving over $200k in cloud costs.

HealthData Systems — Chicago, IL

Software Engineer **2015.09–2016.11**

CareChart, a cloud-based solution for clinician charting and revenue cycle management:

- Designed a data placement service for S3-like storage, ensuring 99.9999% data durability for data lakes.
- Built a garbage collector to reclaim space via compaction, handling deleted, orphaned, and corrupted data.

Publication

- Ved, A., Shazam, N., Pavithra, N., Uzi, J., **Doe, J.**, Gomez, A. N., Karen Ł. & Poco I. (2017). Distraction is all you need. Advances in Neural Information Processing Systems (p./pp. 5998--6008), .

Education

- **Notecnirp University** M.S. in Computer Science **2015.06**
- **Jiangning University** B.S. in Computer Science **2012.06**

Core Skill Set

Language: C++, C#, Java, Python, SQL **Expertise**: Large Scale Distributed Systems, LLM Orchestration