PROFESSIONAL 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.

WORK EXPERIENCE

Global Cloud Inc. Seattle WA

Senior Software Development Engineer Elastic Infra Platform 2021.06–Present

- Architected batch systems for SDP, reducing outages for CrowdStrike with enhanced reliability.
- Achieved comprehensive update coverage, boosting hybrid cloud performance for key clients.
- Spearheaded data warehouse development, ensuring visibility and informed leadership decisions.
- Enhanced LLMs' reasoning using RL, innovating infrastructure rollout via advanced self-play.

Software Development Engineer II Core Infra Platform 2019.05–2021.05

- Identified new metrics for rollout analysis, saving $2M by improving failure detection.
- Simplified data aggregation processes, reducing advertisers' revenue loss by 5%.
- Refined rollout algorithms, cutting rollout times by 30% and enhancing customer satisfaction.
- Innovated alert systems, decreasing detection time to 30 minutes and ensuring 99.9% uptime.

TechCorp LLC San Francisco CA

Software Engineer 2016.11–2019.03

- Led ML infra migration to AWS, achieving high availability for benefit services.
- Designed message queues for seamless enterprise integration, enhancing data flow.
- Implemented caching service, saving $200k by reducing cloud costs with efficient detection.

HealthData Systems Chicago IL

Software Engineer 2015.09–2016.11

- Designed data service for storage, achieving exceptional data durability for lakes.
- Built a space-reclaiming garbage collector, efficiently managing data integrity and storage.

EDUCATION

The employer is looking for a highly skilled Machine Learning Scientist with a focus on Natural Language Processing (NLP) at the Vice President level. The candidate should have a PhD in a quantitative discipline or a Master's degree with at least three years of industry or research experience. The role requires a strong background in NLP machine learning, and deep learning, with the ability to tackle complex challenges and collaborate with diverse teams. The candidate should be passionate about machine learning and possess strong analytical thinking.

- PhD in Computer Science, Electrical Engineering, Mathematics, Operations Research, Optimization, or Data Science
- NLP
- Speech recognition and analytics

- Machine learning
- Deep learning
- TensorFlow
- PyTorch
- NumPy
- Scikit-Learn
- Pandas
- Big data
- Scalable model training
- Experiment design
- Intrinsic and extrinsic metrics evaluation
- Production-quality code development
- Cloud-native deployment
- A/B experimentation
- Search/ranking
- Reinforcement Learning
- Meta Learning
- Strong analytical thinking
- Scientific thinking
- Ability to work independently
- Collaborative team environment
- Effective communication with technical and business audiences
- Curiosity
- Hardworking
- Detail-oriented
- Motivated by complex analytical problems

The ideal candidate is a highly educated and experienced Machine Learning Scientist with a PhD in a relevant field or a Master's degree with significant experience. They have a deep understanding of NLP machine learning, and deep learning, and are proficient with tools like TensorFlow and PyTorch. They possess strong analytical and scientific thinking, can work independently and collaboratively, and communicate effectively with both technical and business stakeholders. They are curious, detail-oriented, and motivated by solving complex problems. Additionally, they have experience with big data, scalable model training, and cloud-native deployment, and are familiar with financial services industries.

Notecnirp University

- Conducted research on NLP models, enhancing algorithm accuracy by 15%
- Developed a machine learning project, improving data analysis speed by 20%

SKILLS

Language: C++, C#, Java, Python, SQL

Expertise: Large Scale Distributed Systems, LLM Orchestration

ADDITIONAL INFORMATION

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).