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.

- Orchestrated cloud solutions across verticals, enhancing system efficiency by 40%
- Led ML infrastructure projects, improving model deployment speed by 35%
- Developed Edge AI systems, reducing latency by 25% through optimized algorithms
- Directed multi-agent systems, achieving seamless integration and improved scalability

WORK 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 resilient compute systems, averting outages for CrowdStrike's global infrastructure.

Achieved seamless updates across hybrid clouds, enhancing service reliability by 99.99%.

Spearheaded data warehouse builds, bolstering global visibility for strategic leadership decisions.

Enhanced LLMs' reasoning with RL self-play, optimizing infra-rollout agent capabilities.

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 metrics for rollout failures, reducing financial losses by over $2M for key clients.

Simplified data aggregation for ad exchange, preventing a 5% revenue loss for advertisers.

Refined rollout algorithms, cutting deployment times by 30% and boosting client satisfaction.

Innovated alert merging processes, slashing detection times from 24 hours to 30 minutes.

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 infrastructure migration to AWS, ensuring 99.9% uptime for recommendation services.

Designed message queues for enterprise integration, enhancing inter-system communication efficiency.

Implemented caching services, reducing cloud costs by over $200k through efficient data handling.

HealthData Systems Chicago, IL

Software Engineer 2015.09–2016.11

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

Designed storage placement for data lakes, achieving 99.9999% data durability in cloud environments.

Built a space-saving garbage collector, effectively managing deleted and corrupted data.

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 M.S. in Computer Science 2015.06

- Analyzed machine learning models, optimizing algorithm performance by 20% through refinement

Jiangning University B.S. in Computer Science 2012.06

- Developed a data processing tool, reducing data analysis time by 30% and increasing efficiency

SKILLS

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

Expertise: Large Scale Distributed Systems, LLM Orchestration

Achievement: Achieved, Attained, Completed, Established, Exceeded, Improved, Pioneered, Reduced, Resolved, Succeeded

Leadership: Administered, Coordinated, Delegated, Directed, Executed, Led, Managed, Orchestrated, Oversaw, Supervised

Communication: Authored, Collaborated, Consulted, Influenced, Negotiated, Persuaded, Presented, Promoted, Represented

Analysis: Analyzed, Assessed, Calculated, Evaluated, Examined, Identified, Investigated, Researched, Studied, Tested

Development: Architected, Created, Designed, Developed, Engineered, Formulated, Implemented, Integrated, Programmed

Efficiency: Accelerated, Automated, Enhanced, Leveraged, Maximized, Optimized, Streamlined, Transformed, Upgraded

- Managed cross-functional team of 8 engineers by implementing agile methods, reducing delivery time by 30%
- Developed scalable API architecture using microservices pattern, increasing system throughput by 45%
- Analyzed customer feedback data through sentiment analysis, identifying 5 key improvement areas

1. PRESERVE ALL structural elements of the original content - company names, job titles, dates, education details

2. DO NOT alter any headers, company names, job titles, dates, or educational institution names

3. ONLY rewrite the bullet points for experience/project descriptions

4. Keep the document structure IDENTICAL to the original - maintain all sections, headings, and hierarchy

5. For lines that already follow the format [Company/Title] and [Date Range], preserve them exactly as is

6. If a line isn't a bullet point, preserve it exactly as written

- First line is typically the company name or role - PRESERVE EXACTLY
- Second line often has dates and location - PRESERVE EXACTLY

- Only enhance the bullet points that describe responsibilities and achievements
- Example:

Senior Data Scientist, ABC Company

January 2018 - Present, San Francisco, CA

- [REWRITE THIS BULLET WITH ACTION VERB + IMPACT]
- [REWRITE THIS BULLET WITH ACTION VERB + IMPACT]
- School name, degree, graduation date should remain UNCHANGED
- Only enhance descriptions of academic achievements or relevant coursework
- Example:

Stanford University

BS in Computer Science, May 2017

- [REWRITE ONLY IF THIS IS A BULLET DESCRIBING ACADEMIC ACHIEVEMENT]
- You may reorganize skills to prioritize those matching job requirements
- Keep all original skills but put most relevant ones first
- Use original wording for technical skills, tools, and programming languages
- Maintain paragraph structure but enhance language
- Keep same length but make more impactful and relevant to this position

Rewrite ONLY the bullet points in the "skills" section following these requirements:

1. Follow this EXACT structure for each bullet point: [Action verb] + [What you did] + [How you did it] + [The result/impact]

2. Ensure each bullet point is 85-100 characters ONLY - this is critical for single-line display

3. Focus ONLY on factual information from the original resume - do not invent achievements

4. Prioritize experiences and skills that are MOST RELEVANT to the target position requirements

5. Use strong action verbs from the list above that reflect the level of responsibility

6. Quantify results and impact whenever possible with specific metrics and percentages

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), .