

## SUMMARY

Lead Software Engineer with 10 years of experience in Cloud Infrastructure and AI/Machine Learning, specializing in performance and battery optimization, with a strong background in deploying scalable and efficient systems.

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## EXPERIENCE

### Lead Software Engineer *Company XYZ, 2015–Present*

- Designed and implemented Deployment Orchestration using Go and Kubernetes, resulting in a 30% reduction in deployment time and a 25% increase in system uptime
- Developed and maintained Service Mesh using Istio and Envoy, improving service discovery and communication by 40%
- Led the team in optimizing cloud infrastructure for AI and Machine Learning workloads, resulting in a 20% reduction in costs and a 15% increase in model performance
- Mentored junior engineers in best practices for cloud infrastructure and AI/ML deployment, and contributed to open-source projects on GitHub

### Senior Software Engineer *ABC Corporation, 2010–2015*

- Built and deployed large-scale distributed systems using Linux and Distributed Systems, resulting in a 50% increase in system scalability and a 30% reduction in latency
  - Collaborated with the research team to integrate spaCy and NLTK for natural language processing tasks, achieving a 25% improvement in model accuracy
  - Developed and maintained technical documentation for deployment scripts using Jenkins and Bash, and presented at a cloud computing conference on best practices for cloud infrastructure
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## PROJECTS

### Deployment Orchestration *Company XYZ, 2020*

- Built a deployment orchestration system using Go and Kubernetes, resulting in a 30% reduction in deployment time and a 25% increase in system uptime
- Integrated with Service Mesh using Istio and Envoy, improving service discovery and communication by 40%

### Service Mesh *Company XYZ, 2019*

- Developed and maintained a Service Mesh using Istio and Envoy, improving service discovery and communication by 40%
  - Collaborated with the engineering team to integrate with Deployment Orchestration, resulting in a 25% increase in system uptime and a 20% reduction in costs
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## TECHNICAL SKILLS

TECHNICAL SKILLS Languages: Go, Python, Java Frameworks: Kubernetes, Istio, Envoy Cloud: AWS, GCP, Azure Tools: Jenkins, Bash, Git Databases: MySQL, PostgreSQL, MongoDB OS: Linux, Windows, macOS AI/ML: PyTorch, spaCy, NLTK, Model Evaluation

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## EDUCATION

B.S. in Computer Science, Stanford University, 2010 GPA: 3.5/4.0 Relevant Courses: Distributed Systems, Cloud Computing, Artificial Intelligence, Natural Language Processing Thesis: "Optimizing Cloud Infrastructure for AI and Machine Learning Workloads"