

April Rieger

Senior Software Engineer

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Summary

Dynamic Senior Software Engineer with a proven track record, specializing in IAC and Kubernetes provisioning. Achieved a 20% reduction in AWS costs while enhancing operational efficiency. Adept at managing multi-environment operations and fostering team collaboration, driving innovation through GitOps and automated deployment workflows.

Skills

- Kubernetes engineering
- Container orchestration
- Continuous integration
- GitOps and delivery
- IAC provisioning
- Observability and reliability
- Multi-environment management
- Identity management

Experience

December 2024
to Current

Notch8 - Senior Software Engineer I
San Diego, United States

- Designed and owned AWS-native Kubernetes (EKS) platform, establishing enterprise-grade infrastructure with Terraform/OpenTofu to support scalable application deployments.
- Implemented Argo CD GitOps, creating automated deployment workflows for applications, cluster services, and platform layers.
- Developed and led Infrastructure as Code (IaC) driven Cloudflare Edge platform, managing DNS, WAF, and rate limiting to enhance security and performance across environments.
- Spearheaded AWS cost optimization initiative, reducing spend by approximately 20%, from \$22k to \$18k monthly.

May 2024 to
December 2024

Scientist.com - Senior Software Engineer I
Solana Beach, United States

- Orchestrated decommissioning of outdated production clusters, migrating 10 client deployments to more efficient clusters, enhancing system performance.
- Achieved substantial cost savings of \$75k over five months by reducing operational expenses by \$15k monthly.
- Mentored junior engineers on best coding practices and development methodologies, improving code quality across teams.
- Facilitated knowledge sharing sessions, fostering team learning and driving innovation.

August 2022
to May 2024

Scientist.com - Midlevel Software Engineer II
Solana Beach, United States

- Implemented automated testing frameworks, resulting in improved code quality and faster release cycles.
- Spearheaded migration from GitLab to GitHub across 20+ projects, mastering GitHub Actions for streamlined deployments.
- Collaborated with senior developers to troubleshoot critical deployment issues, enhancing deployment reliability.
- Led code reviews, reinforcing adherence to best practices and coding standards across the team.

September 2020
to December
2021

Notch8 - Midlevel Software Engineer I
San Diego, United States

- Led end-to-end design and development of the WordPress site for hykuup.com, owning both technical implementation and user experience.
- Enhanced features within Ruby on Rails environment, improving backend logic and frontend formatting for better user experience.
- Contributed to multiple client codebases while conducting peer reviews to maintain code quality.

- December 2019
to September
2021
- NewSchool of Architecture & Design - Faculty Interaction Design
Greater San Diego Area
- Designed and developed a comprehensive Interaction Design curriculum, emphasizing the practical application of design principles in software development and aligning with the latest industry standards.
 - Created dynamic presentations and hands-on assignments simulating real-world software engineering scenarios, enhancing students' problem-solving and technical skills.
 - Employed innovative teaching strategies and conducted curriculum assessments to adapt to evolving industry trends, ensuring content relevance and fostering continuous learning.
- August 2017
to March 2020
- Girls in Tech, Inc. - Digital Director
San Francisco, United States
- Led the digital department as Digital Director, advancing the organization's capability to deliver best-in-class digital experiences to partners and chapters.
 - Managed project lifecycle from scoping to delivery, coordinating resources and workflows to ensure timely and high-quality execution.
 - Advanced technology innovation and creative solutions, cultivating a culture of excellence and continuous improvement within the digital team.
- June 2003
to July 2011
- US Navy - Administrative Leading Petty Officer (Petty Officer Second Class)
- Led and coordinated team of twenty-five personnel, directing daily operations and fostering collaboration to achieve high performance.
 - Revamped departmental training programs by analyzing existing strategies and developing innovative course content and lesson plans, enhancing training efficiency and effectiveness.
 - Exemplified advanced organizational skills in high-pressure environments: Successfully managed multiple concurrent projects, demonstrating exceptional ability to prioritize tasks, meet deadlines, and maintain high standards under pressure.

Education

- January 2020
- LEARN Academy
Certificate of Completion of Full Stack Bootcamp: Full Stack Web Development
- January 2018
- The Art Institute of California-San Diego
Bachelor of Applied Science (BASc): Graphic and Web Design
- January 2011
- Kaplan University
Associate of Applied Science: Business Administration