

ROSE CRISP

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Summary

Dedicated senior software developer offering over 15 years experience specializing in cloud technologies, Kubernetes orchestration, and automation. Proven expertise in deploying scalable, cloud-native applications and microservices across AWS, Azure, and Google Cloud platforms utilizing Kubernetes. Passionate about optimizing DevOps workflows through automation strategies, and delivering engaging technical presentations to share knowledge and best practices.

Skills

- AWS, Azure, Google Cloud
- OpenShift, Kubernetes, Docker, Podman
- Golang, Python, React
- Ansible, Terraform, Jenkins, Vagrant, GitLab
- CI/CD pipeline, source management, and build operations
- Operator Framework, NextJS
- Conduct workshops, write blogs
- CI/CD Pipelines, Agile Development
- Curious, high energy, tenacious problem-solver
- Fluent in Mandarin and Spanish

Presentations & Professional Development

- **CfgMgmtCamp Ghent 2024** Simplifying Cloud Deployments with Ansible for React Next.js on AWS EC2
<https://github.com/opdev/cfgm>
- **THAT Conference 2023** Unlocking the Power of Kubernetes: Create Your Own Resources with CRDs
<https://github.com/rocrisp/blogs/blob/main/ThatConference.pdf>
- **WomenTech Global Conference 2023** Unlocking the Power of Kubernetes: Create Your Own Resources with CRDs
- **PlatformCon 2023** Unlocking the Power of Kubernetes: Create Your Own Resources with CRDs
- **Developer Week Europe 2023** Unlocking the Power of Kubernetes: Create Your Own Resources with CRDs

Experience

Sr Service Reliability Engineer | Red Hat - Raleigh, NC | 02/2020 - Current

Responsible for engineering work for all partnerships of the OpenShift AI and ISV enablement and partner certification.

- Cutting edge, proof of concept workload deployment on OpenShift.
- Deliver tailored engineering support for enterprise-scale solutions using Kubernetes Operators.
- Facilitate training modules for Kubernetes Operator Framework, enhancing partner proficiency.
- Develop, build and deploy Kubernetes Operator demos on OpenShift clusters for presentations, and partners.

Sr Software Developer | SAS Institute Inc. - Cary, NC | 04/2019 - 12/2019

Greenfield methodology, innovative approaches in CI/CD, infra and workflow design prioritize modern, efficient practices.

- Ansible, Terraform, Bash, Vault, and OpenStack for efficient and flexible infra configuration, deployment, and maintenance.
- Automate CI/CD with Jenkins and GitLab workflow.
- Containerized application deployment with Helm charts for scalability and release management.
- BlackDuck and Checkmarx security scanning tool to ensure application security by identifying vulnerabilities early in the development cycle.

Sr Software Developer | SAS Institute Inc. - Cary, NC | 05/2015 - 04/2019

- Automated and increased production by 400% of the SAS Software escrow process with Jenkins, scripting Perl, Bash, and Mysql to replace the outdated, inefficient process.
- Merged the Midas software tracking system with the SDSSCM registration process with web client written in node.js.
- Managed over 600 N+1 software feature releases per year from infrastructure setup to delivery.
- Lead developer for the Workflow application written in PHP and Mysql that drives the N+1 process.

Sr Software Developer, Source Management Team | SAS Institute Inc. - Cary, NC | 05/1997 - 05/2015

- Maintained and updated SAS application SDSSCM written in SAS SCL and Base SAS, a source management tool for catalogs and data sets.
- Strategized, created, and managed CVS including domain, and platform and feature-specific branches.

Associate Systems Administrator | SAS Institute - Cary, NC | 04/1996 - 05/1997

Technical Student | SAS Institute - Cary, NC | 06/1994 - 04/1996

Education and Training

North Carolina State University | Raleigh, NC

Bachelor of Science: Computer Science

1989-1992: Completed 127 credits towards Bachelor of Science.

Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/rosecrisp/>
- <https://github.com/rocrisp>