FELIPE AVELLA

DevSecOps/SRE Engineer

CONTACT

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ATRIBUTES

- Gentle
- Diligent
- Team worker
- Perceptive
- Good listener
- Quick learner
- Tech Enthusiast
- Open Minded

LANGUAGES

- English (Fluent - B2)
- Spanish (Fluent)
- Japanese (Basic)

REFERENCE

Rafael Peña

Vermilion S.A.S / CEO

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PROFILE

Over the years, I've cultivated a strong foundation in DevSecOps and Site Reliability Engineering (SRE), working across both cloud-native and on-premise ecosystems. My journey began with a focus on secure and efficient software delivery, where I led initiatives to automate CI/CD workflows and reinforce platform stability through monitoring, recovery planning, and resilience engineering.

My background spans infrastructure design, system operations, and the implementation of secure pipelines that support scalable software production. I bring deep technical experience with a wide variety of technologies and platforms, including AWS, Azure, GCP, GitLab, and CircleCI, allowing me to craft resilient infrastructures tailored to organizational needs.

I have a solid track record of integrating cloud strategies across all three major platforms, enhancing adaptability and scalability for complex, distributed systems. My automation expertise extends to tools like Terraform, Ansible and Jenkins, which I've used to streamline configuration management and infrastructure provisioning.

In recent years, I've expanded my portfolio to include MLOps, enabling teams to operationalize machine learning workflows with efficiency and accountability. I apply Agile and SCRUM principles in collaborative environments, supporting seamless delivery pipelines and cross-functional team alignment.

Beyond the technical scope, I've mentored engineers in DevSecOps and SRE disciplines, developing training programs that align with evolving industry standards. I'm known for driving results through strategic thinking, clear communication, and a commitment to high-impact delivery.

My approach is proactive, security-conscious, and innovation-driven—combining robust infrastructure practices with a continuous learning mindset to support business goals and future-proof systems.

METHODOLOGIES

- DevOps
- DevSecOps
- Site Reliability Engineering
- Scrum
- Kanban
- Self-Learning
- Troubleshooting
- On Call Rotation Strategies
- People-Focused Approach
- Data Modeling
- Service Modeling
- Financial Engineering
- Brainstorming

CI/CD TOOLING

- Git
- Git/Lab
- Gitea
- GitHub
- Bitbucket
- Artifactory
- Maven
- Jenkins Pipelines
- Docker
- Kubernetes
- Virtual Box
- Prometheus
- Grafana
- Jira
- ClickUp
- Trello
- Terraform
- Ansible
- Microsoft Teams
- SonarQube
- MobaXterm
- BlackDuck(SCA)

WORK EXPERIENCE

Leading Zen S.A.S
DevSecOps Engineer
Sep 2021 - Present

- Script creation and providing tools to automate the building, testing, usage monitoring, and scaling tasks for applications, aimed at improving efficiency and reducing human errors.
- Implement security practices across all development lifecycle stages, such as code analysis (SAST), dynamic application security testing (DAST), and penetration testing identification and remediation of security vulnerabilities in code and applications.
- Automated security testing using tools and frameworks such as OWASP ZAP. Developed scripts to enhance vulnerability detection.
- Secured configuration and managed cloud infrastructure, including servers, databases and networks.
- Configured and improved CI/CD pipelines for efficient software development and deployment.
- Automated infrastructure using Terraform and Ansible.
- Implemented and managed container architectures and orchestration using Docker and Kubernetes on cloud platforms (AWS, GCP, and Azure).
- Performed advanced monitoring and management of cloud systems to ensure application availability and proper execution.
- Implemented monitoring and supervision solutions to assess the performance, availability, and reliability of applications and infrastructure.
- Collaborated with multidisciplinary teams, such as developers and system administrators, to ensure effective integration of security practices into development and operations workflows.
- Implemented and improved code configuration management and versioning practices.
- Active participation in researching and adopting new technologies and best practices related to DevSecOps.

Vermilion S.A.S
DevOps Engineer
Aug 2019 - Aug 2021

- Managed software configuration and versioning, ensuring that source code was properly controlled, documented, and available to development and operations teams.
- Used software version control tools, ensuring the implementation of best practices in code management.
- Implemented and configured CI/CD pipelines to automate software development and deployment.
- Ensured the application of tools like Jenkins, GitLab CI/CD and Azure DevOps to build and run pipelines that secure the rapid and reliable delivery of software.
- Automated infrastructure using Terraform and CloudFormation.
- Implemented and managed containers using Docker and Kubernetes.
- Contributed to the security and access management of systems and applications.
- Collaborated in multidisciplinary teams to facilitate continuous delivery and resolve potential issues.
- Created Technical documentation and participated in continuous improvement activities.

WORK EXPERIENCE

Vermilion S.A.S   Feb 2019 - Jul 2019
Full Stack Developer

- Designed and developed attractive and functional user interfaces on the front end.
- Built APIs and developed server-side functionality on the backend.
- Integrated external APIs and services into web applications.
- Managed and optimized databases.
- Performed testing, debugging and improved software performance.
- Collaborated in multidisciplinary teams to develop complete solutions.
- Utilized version control systems and application deployment.
- Did Continuous research and learned about technologies and best practices in the web development field.

EDUCATION

DevOps on AWS and Project Management   2023 - 2024
AWS Training & Certification | *Amazon Web Services*

Automation in the AWS Cloud |
AWS Training & Certification | *Amazon Web Services*

Effective Problem Solving and Decision Making |
Rob Stone, PMP, M.Ed. | University of California, Irvine

The Ultimate DevOps Bootcamp |
KodeKloud | *Udemy*

The Web Developer Bootcamp   2020 - 2023
Colt Steele | *Udemy*

English CEFR Level B2 Certification   2019 - 2020
Oxford University Press department | *Universal Academy*

Engineering Foundation   2014 - 2019
Engineering Department | *National University of Colombia*

High School Degree   2004 - 2014
High School | *Pierre de Fermat School*