

Antoine Delia

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Skills

Languages: Python, JavaScript, Bash, Shell

DevOps: Terraform, Serverless Framework, Jenkins, GitHub Actions, Docker

Cloud Services: Amazon Web Services (AWS)

Experience

Connectivity Automation Technology Specialist, Airbus – Toulouse, FR Jan 2023 – Present

- Implemented a solution with Terraform to export our logs from AWS to Splunk, allowing end users to easily look for logs and align with the company's best practices
- Improved project workflow by using an asynchronous implementation when creating new requests, reducing incidents by 98%
- Upgraded a Kubernetes cluster to remove AWS extended support, cutting extra cost by 60%
- Led an initiative to standardize infrastructure as code practices across the organization, resulting in a 50% reduction in onboarding time for new engineers and ensuring consistent, scalable deployments aligned with company objectives
- Optimized the size of a RDS instance, reducing costs by 96%
- Developed a scalable solution to prevent firewalls' rules associated to long sessions being removed, allowing to keep security's consistency across sessions
- Facilitated knowledge-sharing sessions within the team, improving overall technical proficiency and fostering a collaborative learning environment
- Created technical guidelines for our team to follow, reducing the amount of code reviews by 30%

Cloud Engineer, Technofy – Toulouse, FR Sept 2019 – Jan 2023

- Developed a CLI based tool in Python to ease managing an Hashicorp Vault instance, reducing manual errors when dealing with secrets
- Developed a website to internally expose our IP Info, reducing by 80% the time to get a useful information, and used by more than 600 users daily
- Designed and implemented the authentication process to our core API using OAuth 2.0, strengthening overall security when accessing secure endpoints
- Gave an AWS Immersion Days presentation to startups, helping our company to secure one new contract

Full-Stack Developer, Slow Sense – Toulouse, FR Sept 2018 – Aug 2019

- Improved an extranet website by upgrading it to Angular 8 with Material Design for the frontend and ASP.NET Web Api for the backend, increasing user satisfaction by 40% and reducing loading time by 60%
- Implemented an authentication service based on JWT, reducing authentication errors by 15%
- Published a user documentation for new WYSIWYG online text editor, reducing support tickets by 70%

Projects

The Cloud Optimist github.com/antoinedelia/cloud-optimist

- Blog about Cloud & DevOps related topics using Hugo
- Automatically built and deployed to AWS using GitHub Actions and Terraform

Achievements

Certifications: 3x AWS certified (Architect Associate, Developer Associate, Cloud Practitioner) 2019 – 2020

Webinars: Introduction to serverless computing with AWS July 2020

Education

Cesi – Engineering degree Sept 2018