Jérôme RESPAUT

Site Reliability Engineer / Cloud Architect

Design, build and run Cloud Native applications and infrastructures.
DevOps tools Lead developer: Terraform, Ansible, Python scripts.
Product architect and Lead developer: in charge of the Claranet Cloud Deploy product.

What I want: Design and build state of the art Cloud native applications and architectures.

✉ jerome@respaut.fr

📍 Villejuif, IDF, France

🔘 github.com/Shr3ps

in linkedin.com/in/jerome-respaut

TECHNICAL SKILLS

- ✓ GoLang code review on DevOps tools
- ✓ Infrastructure as Code:
  HCL2 **Terraform**, JSON ARM Templates
- ✓ CI/CD:
  Gitlab CI, Github Actions, Azure DevOps Pipelines, Release/packaging
- ✓ **Python** developer:
  venv, pip packages, black, code style/PEP, setup-tools
- ✓ Modern applications: serverless, PaaS, containers (Docker/K8s/LXC)
- ✓ Android firmware device maintainer:
  C/C++, Java, Kernel, toolchain, builds
- ✓ Web app **full stack** development:
  PHP/C#, HTML5/CSS, Front JS, Node
- ✓ **Git**: Github flow, tsrc, Google Repo, PR/MR

CERTIFICATIONS

2020
Microsoft Azure Architect Design
2019
Microsoft Azure Administrator Associate
2018
Implementing Microsoft Azure Infrastructure Solutions
2017
AWS Certified Solutions Architect – Professional Level
2016
AWS Certified Solutions Architect – Associate Level

EDUCATION

2010
Paris, France

Master's Degree
EPITA diploma - MTI
(Top french engineering school)

2005

High School Diploma (Scientific)

LANGUAGES

- ✓ French (Native language)
- ✓ English (Professional)

WORK EXPERIENCE

Since 2017
(Paris, France)
Claranet
Site Reliability Engineer and Cloud Architect

Design, build and run Azure Infrastructure (IaaS, PaaS, CaaS/AKS, FaaS/Serverless, Hybrid). On-call for 24/7 infrastructure incidents.
Lead developer of multiple **industrialized** DevOps tools helping Claranet engineers to be more efficient, such as:
- Terraform modules and providers,
- Ansible roles and playbooks,
- Python3 DevOps scripts, etc.

Notable projects: Sodexo (multi region PaaS apps), Aura (**blockchain** geo-replicated hosted on AKS), Generali (Software factory and BigData), Legrand (IoT platform with modern API full PaaS/serverless).

2015-2017
(Paris, France)
Morea (Claranet Public Cloud unit)
Lead DevOps and Cloud Architect

Build and support AWS Infrastructure for enterprise customers.
Product architect and Lead dev at Claranet Cloud Practice, in charge of Claranet Cloud Deploy (GHOST project) developed in Python2:
- A tool for both Claranet and customer DevOps, designed to ease **Continuous deployment on AWS** with an immutable infrastructure (BlueGreen or Canary deploys, ELBs, AutoScale and AMIs management)

2012-2015
(Paris, France)
Brainsonic
R&D Lead Developer and DevOps

Lead Developer for brainsonic products:
- Video Publisher Online (batch video and media/assets encoder, hundreds of **videos transcoding** per day – C#/.net)
- Hosting Control (FinOps dashboards for Azure and OVH On-premises servers, NoSQL backend – C#/.net/ASP MVC)
- Live Timeline, Live Event Engine, Brainsonic Media Live Server (website generator for events with Live video streaming, HLS mobile, HTML5 MPEG-Dash live stream, **real time tchat** via websocket and social media posts aggregation – PHP/JS front/Angular, live stream expertise)

Azure deployment and management (Azure Cloud Services, IaaS VM).

2010-2012
(Paris, France)
Brainsonic
Full Stack Developer and Sys Admin

Developer working on brainsonic customers websites using PHP/Symfony, HTML5/CSS, C#/.net (MVC 3 and 4, WCF).
Windows server and LAMP system administrator.

2010-2011
(Paris, France)
EPITA
C/Unix Teacher

Teacher of programming languages to new school students (1st year):
C, C++, Unix, Shell/AWK, Java/J2EE.

ACTIVITIES and INTERESTS

Android firmware development (AOSP), Manga and Japan animation, Cinema movies, Basketball.