Pierre-Francois Houessou

Quebec, QC | +1 (581) 909-2118 | houessoupf@gmail.com
linkedin.com/in/hpf | github.com/hpfpv | blogs.houessou.com

PROFESSIONAL SUMMARY

Cloud Infrastructure Architect with 9+ years of IT experience delivering secure, scalable, and automated solutions across cloud and hybrid environments. Specialized in AWS Landing Zones, Infrastructure as Code and cloud migrations. 8x AWS certified including Solutions Architect Professional, Advanced Networking and DevOps Professional. Recognized for technical leadership, problem-solving, and teamwork in delivering complex cloud solutions.

WORK EXPERIENCE

Cloud Infrastructure Architect, Cofomo, Quebec | Jun 2022 – Present
- Led AWS migration projects transforming legacy systems into cloud-native architectures.
- Designed automated multi-account AWS Landing Zones solutions; ensured CCCS/GDPR compliance.
- Architected hybrid networks using Direct Connect, Transit Gateway, and VPN.
- Automated deployments with Terraform and CloudFormation, reducing manual efforts by 30%.
- Conducted Well-Architected Reviews and authored technical documentation.

Cloud/DevOps Engineer (Volunteer Projects) | Feb 2020 – May 2022
- Built serverless apps (Lambda, API Gateway, DynamoDB, S3).
- Deployed containers on ECS with CI/CD via GitHub Actions.
- Developed ETL pipelines using Lambda, DynamoDB Streams, Athena, and QuickSight.

Systems Administrator, US Department of State, Cotonou, Benin | Oct 2017 – May 2022
- Managed enterprise AD, M365, SharePoint, VMware, SQL Server.
- Automated infrastructure monitoring with PowerShell.
- Delivered end-user support and training, enhancing ITSM.

IT Operations Assistant, World Food Programme, Cotonou, Benin | Aug 2014 – Sep 2017
- Maintained IT infrastructure with 99.9% uptime across key services.
- Supported field IT projects for Zero Hunger initiative.

SKILLS

Cloud Platforms: AWS (expert), Azure (foundational)
Infrastructure: Terraform, CloudFormation, Serverless Framework, Python (boto3), PowerShell, CI/CD, Docker, Kubernetes
Security & Compliance: IAM, Security Hub, CloudTrail, SSM, CCCS-Medium, PIPEDA, GDPR

Networking: VPC design, Hybrid networks, VPN, Direct Connect, Transit Gateway, multi-account multi-region environments

CERTIFICATIONS

AWS: Solutions Architect – Professional, DevOps – Professional, Advanced Networking, Security Specialty, Solutions Architect Associate, Developer Associate, SysOps Admin
Microsoft: Microsoft 365 Enterprise Admin Expert, MCSE - Cloud Platform & Server Infrastructure.
Others: CCNA Security, CompTIA Security+

EDUCATION

Master of Networks and Telecommunications, ESGIS, Cotonou, Benin (WES ECA #4109960IMM)

LANGUAGES

French (Native), English (Professional)

AWARDS AND HONOURS

Meritorious Honor Award, US Department of State | April 2019
For notable achievements in the workplace, exceptional contributions in operations, and special efforts in successfully supporting significant system migrations.