

PFE BOOK

2026 – 2027



WHO ARE WE



We are **PCP**, a company that simplifies the complexity of public cloud migration and ensures its security.

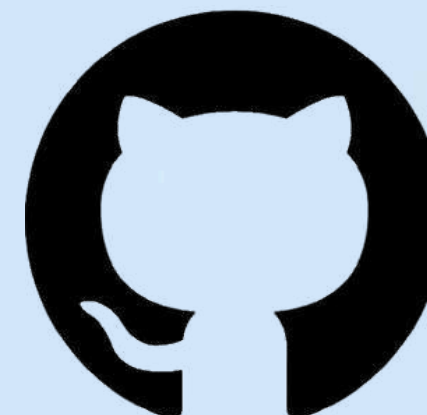
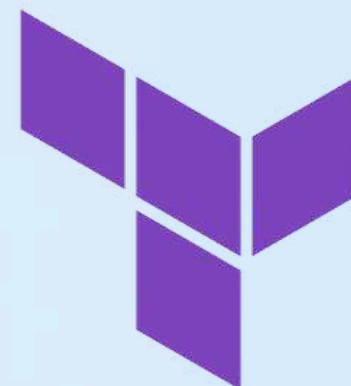
Our innovative approach helps our clients reduce their cloud migration costs significantly while still getting the best results.

SUBJECT 1 : FOUNDRY PROJECT (AI FOUNDRY PCP)

Key Responsibilities :

- Build the Infrastructure as Code to deploy Azure AI Foundry for hosting AI agents, in compliance with the PCP Azure Landing Zone.
- Implement and maintain services that support agent deployment, execution, and observability.
- Develop monitoring, diagnostics, and automation solutions to improve system health and operational visibility.
- Debug issues across services, models, and infrastructure, and contribute to team-level technical decisions.

Technologies : Azure AI Foundry, Terraform, Azure Landing Zone, Azure Monitor, CI/CD, Git

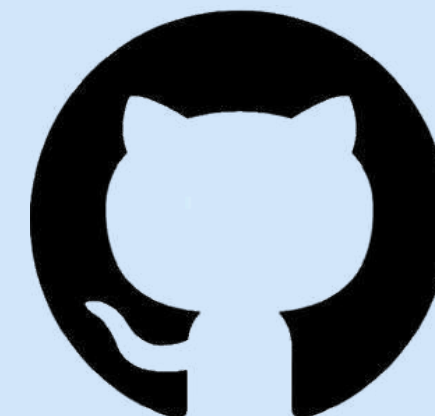
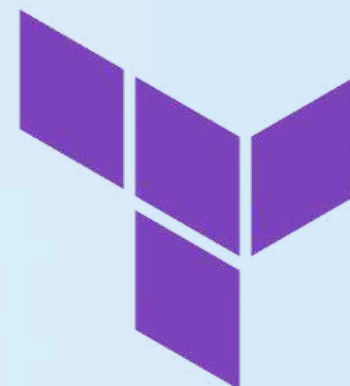


SUBJECT 2 : DATA FABRIC PCP

Key Responsibilities :

- Build the Microsoft Fabric Infrastructure as Code with Terraform, in compliance with the PCP Azure Landing Zone.
- Design and deploy modern data pipelines on Azure (Data Factory, OneLake, Data Warehouse).
- Help improve reliability, efficiency, and operational excellence of the data platform through automation and data-driven engineering.
- Participate in design reviews, code reviews, testing, deployment, and operational support.

Technologies : Microsoft Fabric (OneLake, Data Factory, Data Warehouse), Terraform, Azure Landing Zone, Azure Monitor, CI/CD, Git

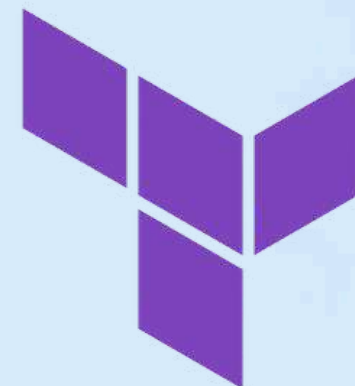


SUBJECT 3 : CLOUD SECURITY

Key Responsibilities :

- Implement Microsoft Sentinel architectures, including data onboarding, analytics rules, automation playbooks, workbooks, and incident enrichment.
- Use Microsoft Defender XDR signals to ito make alerts more reliable and speed up investigations.
- Develop KQL hunting logic, incident triage workflows, and response playbooks that reduce manual effort and improve analyst productivity.
- Evaluate Microsoft security tools (Defender for Cloud, Sentinel, Microsoft Entra ID) to improve the security of Azure workloads, following “Secure by Design” principles.

Technologies : Microsoft Sentinel, Microsoft Defender XDR, Microsoft Defender for Cloud, Microsoft Entra ID, KQL, Azure Monitor / Log Analytics, Terraform, Git



HOW TO APPLY ?

1. Choose your project

Pick the topic that matches your profile: Foundry Project, Data Fabric or Cloud Security.

2. Send us an email

Send your CV and a short cover letter to [\[pfe2027@pcp-consulting.fr\]](mailto:pfe2027@pcp-consulting.fr) with the subject line :

PFE Application – Project name – Your Name