

PERSONAL INFORMATION

Manuel Pérez Martínez

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📅 Date of birth 14/01/1987 | 🇪🇸 Nationality Spanish

WORK EXPERIENCE

10/2022–Present

Cloud Platform Engineer

Storyteq, London (United Kingdom)

▪ Cloud Platform Architect

- Design and implement the cloud platform infrastructure (GCP, terraform, config connector, k8s)
- Design and implement “dev envs” spawning full fledged microservice applications during MRs for testing, demo & review (argocd, Gitlab CI, helm)
- Help with the transition from regional (EU) to global (EU + US) SaaS offering (nginx, istio, GEALB in GCP)

▪ DevOps

- Produce golden paths for development teams to smooth their SDLC
- Help standardize the k8s resources in reusable helm charts across the business units
- Integrating external monitoring tools (datadog, newrelic)

▪ Mentoring & Pair programming

▪ Lately... a bit of **vibe coding** (CursorAI, Claude...)

02/2021–09/2022

Site Reliability Engineer

Ziglu, London (United Kingdom)

▪ SRE:

- Proficiency in several GCP APIs:

▪ Compute, Cloud Run, GKE

- Manage several clusters both hosting the payload supporting the live application, as well as corporate tooling across the business.
- Deploy and handle a variety of 3rd party Kubernetes operators and Custom Resources, such as certmanager, istio, vault...
- Operate specific VM payloads such as Envoy proxies, VyOS gateways or Windows Servers

▪ Networking

- Help with the design, support, and development of the network topography, with shared networks, firewall policies or load balancers
- Integrate with 3rd party VPN systems
- Integrate with 3rd parties through network peering

▪ Security

- Least privileged IAM
- Secure internal tools by zero-trust (Identity Aware Proxy)
- Help defining Cloud Armor policies for L7 Load balancers
- Help designing and implementing data leak protection through Service Perimeters

- Docker, Kubernetes, Helm, Istio...

- Terraform, Tanka, Jsonnet
 - Building trustworthy and reproducible infrastructure through Infrastructure as Code
 - Migrate Helm manifest to jsonnet allowing to declare Kubernetes resources programmatically and reproduceable, as well as keep the state of clusters in sync with Tanka and ArgoCD
- Hashicorp Vault
 - Migrate static secrets in GCP Secret Storage to short lived dynamic secrets in Vault
 - Start concept on PKI
- CICD – Argo Workflows & ArgoCD
- Monitoring with Prometheus and Grafana
- Scripting (Bash, Golang, etc.)

02/2019–01/2021 Cloud Platform Team Lead

Quantexa, London (United Kingdom)

- Cloud Platform team lead:
 - Architect new features of the Cloud Platform
 - Code review of submitted PRs
 - Act as Scrum Master
- Cloud Engineer:
 - Proficiency in several GCP APIs:
 - Compute, GKE
 - Networking
 - Security
 - Cloud Functions, ...
 - Docker, Kubernetes, Helm, Istio...
 - CM and IaC: Terraform, Ansible, Packer...
 - CICD with Jenkins
 - Monitoring with Prometheus and Grafana
 - Scripting (Bash, Python, etc.)
- Linux

06/2015–01/2019 Senior R&D Engineer

Nokia Bell Labs, Budapest (Hungary)

- DevOps engineer:
 - OpenStack, Docker, Kubernetes
 - Terraform, Ansible, Helm
 - Jenkins, ChatOps...
- Scientific paper writing, reviewing and contributing.
- IPR generation, reviewing and contributing:
 - One registered patent
- Prototypes & PoC's development and integration.
- Lead small DevOps team on what and how to automate.
- Lead collaborative students on both web application development and research topics.

11/2014–05/2015 **Alfresco system administrator**
Freelance

07/2012–10/2014 **Software Engineer**
DXC (former CSC), Oviedo (Spain)

- Alfresco, Liferay and SharePoint developer and sys admin.
- Project Manager on technical projects interfacing with the regional administrative entities.

EDUCATION AND TRAINING

02/20026–Present **Master in Artificial Intelligence, Cloud Computing & DevOps**
pontia.tech

10/2005–07/2012 **MSc Telecommunication Engineering**
University of Oviedo, Gijón (Spain)

- Computer Science.
- Physics, Electronics & Electromagnetism.
- Telematics and Networking.

10/2010–07/2011 **ERASMUS Telecommunication Engineering**
Università di Bologna, Bologna (Italy)

09/2003–06/2005 **International Baccalaureate**
R.I.E.S. Jovellanos, Gijón (Spain)

PERSONAL SKILLS

Mother tongue(s) Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Italian	B1	B1	B1	B1	B1

ADDITIONAL INFORMATION

- Conferences
- "5G Connected Cars" demo:
 - Mobile World Congress 2016 & 5G World Summit 2016
 - SOFSEM 2018:
 - "Multivendor Deployment Integration for Future Mobile Networks" publication.
 - DevOps Budapest meetup: "DevOps: A Bell Labs perspective"

Projects "Genetic Neural Snake": Model the brain of the snakes as a Neural Network which gets trained by a Genetic Algorithm.