

## 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 3<sup>rd</sup> 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 3<sup>rd</sup> party VPN systems
    - Integrate with 3<sup>rd</sup> 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

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02/2002–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**  
Universitá di Bolonia, Bolonia (Italy)

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

#### PERSONAL SKILLS

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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

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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.