

# Germán Ignacio Fodino

DevOps - GameDev - Dev

Av. Triunvirato 4125, 1431, Buenos Aires City, Buenos Aires CABA

<https://german.fodino.net/> [german.fodino@gmail.com](mailto:german.fodino@gmail.com)

[@gif30](#) [@gifodino](#)



I was born in 1998 in Buenos Aires. I went to a German school, where i learnt a lot about its language and culture.

I love learning new things, teaching and helping to innovate.

I'm also someone very analitical, curious, transparent and open-minded. This last things help me a lot, when I work with other people.

If you wish to know more about me and you liked my profile don't hesitate to reach me!

## SKILLS

### DevOps

Very Advanced



Continous Integration (Tekton, Github, G Docker docker-compose

Continous Delivery (ArgoCD)

IaC (Terraform, CDK)

GitOps & GitFlow

Cloud & On-Prem

Scripting (Python, Shell)

VMs, Containers & Serverless

Security and QA integrations

Agile (Scrum/Kanban)

### Containers

Master



Kubernetes (K8s, Openshift, AWS EKS)

Cluster Administration

App Deployment (Helm, ArgoCD, Kustom Containers (EKS)

Networking - Service Mesh - API Gatewa Internet of Things (IoT)

### Cloud Computing

Very Advanced



Amazon Web Services (AWS)

Infrastructure as code (IaC) CDK

Serverless (Lambda)

VMs (EC2)

Containers (EKS)

Internet of Things (IoT)

Code Pipelines

### System Administration

Intermediate



Linux/UNIX (Debian, Ubuntu, Arch, etc.) Python TypeScript

Web servers (Nginx, Envoy) & app hostin Node.js (JavaScript)

Config Automation (Ansible)

Mobile - Flutter (Dart)

Automated systems management & mor Golang (Go) C | C++ | C#

Kubernetes/Openshift Cluster Administr Open source

### Programming

Intermediate



Python TypeScript

Node.js (JavaScript)

Mobile - Flutter (Dart)

Golang (Go) C | C++ | C#

Open source

Version control & management (git)

Game Development

Web Scraping

RobotFramework & Selenium (Testing)

SQL and NoSQL Databases (MongoDB,

Arduino and other embedded systems.

Some knowledge on electronics.

### Observability

Intermediate



Monitoring (Grafana, Prometheus, Influx

Logging (Loki, ElasticSearch (ELK), Flue

Alerting (AlertManager, Alerta.io, Slack)

## Soft Skills

Personal



Teamwork

Communication skills

Teamwork   Communication Skills

Transparecy

Strategic planificacion

Team/Chapter Lead

Management   Flexibility

Growth Mindset   Quick Lerner

Creativve   Self-taught

## WORK EXPERIENCE (3)

**Intern** at Sartorius

**Feb 2017 - Dec 2018**

📍 **Buenos Aires, Argentina,**

My first working experience in the sales business.

Internship with rotation through different sectors within the company, through the "learning-by-doing" principle to obtain an overview of all sectors of a company.

- Technical service
- Sales
- Finance - Collections and Treasury
- Commercial Operations - Foreign Trade, Customer Service, Bidding and Billing
- Quality Assurance and Quality Control
- Warehouse and Logistics
- Reception

**DevOps Engineer** at Iquall Networks

**Sep 2019 - Sep 2021**

📍 **Ciudad Autónoma de Buenos Aires, Argentina,**

My first working experience as DevOps.

Worked for the telecommunication Industry. Mostly IoT, monitoring and automation.

- Worked on an IoT proyect intended to check the quality of experience (QoE) and the quality of service (QoS) on the telecommunication Business (Mobiprobe Sonar). I've automated the whole deployment procedure and update of the equipment, to work with them remotelly without human intervention.
- Worked on a very flexible platfor to automate networking equipment configuration (MAT).
- Worked on the server side deployment deployment on both proyectos (frontend and backend).
- Adquire some experience with scripting and templating tooling like Python, shell, Jinja2 y Ansible.
- Use of containers tecnologies such as Kubernetes, Docker and docker-compose.
- Use of monitoring tooling such as Prometheus, Influx y Grafana and alerting systems.

**DevOps Engineer** at Telecom Argentina

**Jul 2021 - Current**

📍 **Ciudad Autónoma de Buenos Aires, Argentina,**

Telecom is one of the largest (if not the largest) telecommunication enterprise in Argentina.

I've worked here for the streaming and television industry on FLOW (the biggest streaming platform in Argentina)

- Worked on a massive streaming service on the frontend and backend.
- Usage of technologies such as container orquestration (EKS y Openshift, ECS).
- Usage of serverless technologies (Lambda, S3, ApiGW, Amplify)
- Cloud and on premise.
- Migration of multiple applications to the cloud (AWS) with infrastructure as code (IaC)
- Usage of CI/CD tooling such as Tekton, ArgoCD, CodePipelines and Gitlab CI.

## PROJECTS (6)

**Student exchange in Alzey, Germany**

**Dec 2014 - Feb 2015**

I had the opportunity and luck to realize an student exchange with an amazing family.

This experience had 2 parts: 3 months in Germany and 3 months where my german partner came to my home in Argentina.

It was an amazing experience that allowed me to experience a new culture and language from an inner perspective.

### **3D Printer from scratch**

**Jan 2016 - Jan 2020**

It all started with 2 friends with desire and curiosity to build a CNC router. Being the boom of 3D printing it ending being a project to build a printer.

Most people buys a preassembled kit but in this case it took hours to design, forge and build piece by piece.

It had many iterations and versions, until we finally achieved our goal.

We learnt a lot with this project which took a lot of work of investigation, effort, countless hours and teamwork.

### **Barcode scanner and shoplist**

**Jan 2021 - Dec 2021**

For my personal use I bought a barcode scanner (like the ones on the supermarket) and programmed it so that every time a product gets scanned, it gets added to my shoplist.

This way, every time I went to the supermarket, I had my shopping list effortless.

I used linux, python and learnt web scraping. for this project.

### **TANKs**

**Jan 2019 - Dec 2019**

This was a project I've built at the University with some partners.

The idea was to build a robot to deliver goods autonomously in a predefined area (an office, a Warehouse or an open space).

It consisted on a landmarked area and a robot with a compartment, some access control, proximity and light sensors and a remote connection

Basically after loading the payload, you indicated the waypoint, and the robot realizes the delivery.

By the way it worked, you could add or remove the routes easily which made it scalable and flexible to implement.

### **Domotics**

**Jan 2016 - Dec 2016**

I worked on an interactive model of a home, and programmed it with multiple sensors and Arduino boards.

It involved demonstration of automated lighting, openings and smart refrigeration.

### **Other Projects**

I'm used to work in countless projects without counting on the previous mentioned projects.

Web Pages, Phone Apps, IoT, electronics and domotics.

Also homemade experiments, handmade stuff and a little gardening.

I'm restless and every time I see an issue a problem or just something to learn about I want to get involved and kill that curiosity.

## **EDUCATION (5)**

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**Baccalaureate specialized in natural sciences, literature and languages elementary, secondary and high school** at Colegio Pestalozzi / Pestalozzi Schule

**2011 - 2016**

**Junior Manager in industrial administration (Industriekaufmann) Business, management, marketing and related disciplines** at BBZ - BerufsBildungsZentrum

**2017 - 2018**

**Engineering degree Electronic engineering** at Universidad Tecnológica Nacional (UTN FRBA)

**2017 - Current**

**Engineering degree Sistemas / Software engineering** at Universidad Tecnológica Nacional

**2020 - Current**

**Multimedia design (Videogames) Design and Programming of Virtual Simulators** at DaVinci

**2020 - Current**

## **CERTIFICATES**

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**First Certificate in English (FCE) - ESOL International**

University of Cambridge

**2016-12-31**

2016-10-27

**Wirtschaftsdeutsch International**

Deutsch-Argentinische Industrie- und Handelskammer (AHK)

2018-12-12

**Industriekaufmann (Junior Manager in industrial administration)**

Deutscher Industrie- und Handelskammertag (DIHK) und de Berufsbildungszentrum (BBZ Instituto Ballester)

2018-11-27

**Fachhochschulreife**

Botschaft der Bundesrepublik Deutschland und Ballester Institut (Buenos Aires)

2018-12-31

**AWS Cloud Practitioner**

EducacionIT

2021-06-30

<https://certificados.educacionit.com/api/German-Fodino-1A624322/1A50732>

**Red Hat OpenShift Development II: Containerizing Applications (DO288)**

RedHat

2021-10-15

<https://rol.redhat.com/rol/api/certificates/attendance/uuid/da66954b-c582-4e9a-9e6a-b43e4e557568>

**Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster (DO280)**

RedHat

2021-09-23

<https://rol.redhat.com/rol/api/certificates/attendance/uuid/6fe57225-4683-4630-840b-332db995ee94>

**Building Resilient Microservices with Istio and Red Hat OpenShift Service Mesh (DO328)**

RedHat

2021-12-02

<https://rol.redhat.com/rol/api/certificates/attendance/uuid/d4d0c7e8-f4e8-4f4e-aba9-11ffebcebc92>

**Secure Container Images in CI/CD (Advanced)**

DevSecOps Academy

2022-02-12

<https://www.devsecops-academy.com/certificate-of-progress/8f165594-2974-4986-8d35-fd8ffa3b0a2>

**Building Secure Container Images in CI/CD with Clair**

DevSecOps Academy

2022-02-12

[https://certificates.devsecops-academy.com/certificate\\_of\\_German\\_Fodino\\_c750233a-c205-4478-a8b7-136caef35b9c.png](https://certificates.devsecops-academy.com/certificate_of_German_Fodino_c750233a-c205-4478-a8b7-136caef35b9c.png)

**Building Secure Container Images in CI/CD with Trivy**

DevSecOps Academy

2022-02-12

[https://certificates.devsecops-academy.com/certificate\\_of\\_German\\_Fodino\\_c558ffe7-1d67-48de-a747-cafe15c267d7.png](https://certificates.devsecops-academy.com/certificate_of_German_Fodino_c558ffe7-1d67-48de-a747-cafe15c267d7.png)

**Anchore for Secure Container Images**

DevSecOps Academy

2022-02-12

[https://certificates.devsecops-academy.com/certificate\\_of\\_German\\_Fodino\\_07f0b511-049e-4683-8ea4-88670b90fda4.png](https://certificates.devsecops-academy.com/certificate_of_German_Fodino_07f0b511-049e-4683-8ea4-88670b90fda4.png)

**LANGUAGES**

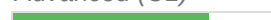
**Español (ES)**

Native Speaker



**Deutsch (DE)**

Advanced (C1)



**English (EN)**

Advanced (B2)



## Wildlife

Animals

Landscapes

Nature

sea life

## Nautic sports

Sailing

Diving

Swimming

## Music

Rock'n Roll

Electro dance music

80's music

## Technology

3D printing

open source

robotics

## Gaming

shooters

survivals

Open world