Iker Foronda Carrasco

Senior Developer & DevOps · Offensive security · Cloud & Full Stack

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PROFILE

Computer engineer (UPV/EHU, honours final project) with a Master's in Cybersecurity and Privacy (UOC, 2024-2026). Five years shipping product to production: full stack (machine learning, WebRTC, PostgreSQL/Redis) and cloud platform on Kubernetes, Terraform, Ansible and GitHub Actions on Azure. Today, R&D in exposure management and offensive security at NNEAT, a cybersecurity product company, and author of **NORN**, an LLM red-teaming framework.

PROFESSIONAL EXPERIENCE

Senior Developer & DevOps — NNEAT, cybersecurity product company (Donostia/San Sebastián) · April 2026 – present

- R&D in high-definition exposure management: defence posture, threat intelligence and external/internal exposure.
- Full-stack development of the product's multi-vendor aggregated data platform.
- Monitoring and observability, plus DevOps and continuous delivery.

Cloud Engineer — Innovae (industrial scale-up) · April 2024 – April 2026

- Production application infrastructure on Kubernetes (AKS), with 50+ tenants managed.
- Internal deployment platform: from a day to 10 minutes per release (≈98% less time).
- Automation with Ansible and automated deployments with GitHub Actions; infrastructure as code with Terraform on Azure.

Full Stack Developer — Innovae (industrial scale-up) · October 2020 – April 2024

- Product features shipped to production, including machine learning capabilities for industrial operations.
- Backend and frontend development, with PostgreSQL and Redis as storage.
- Real-time communication with WebRTC on Node.js and live data visualisation with InfluxDB.

Full Stack Developer — Domotek Ingeniería Prototipado y Formación, S.L. · March 2020 – May 2020

- Firmware and features for 3D printers.

OPEN-SOURCE PROJECTS

NORN — CLI LLM red-teaming framework (Python)

- Runs structured adversarial campaigns against models, RAG systems and agents using a three-layer attack taxonomy; scored reports with verified metrics for reproducible audits. github.com/foron23/norn

OSINT-OA — multi-agent OSINT platform (Python)

- Automates open-source investigations and indicator-of-compromise (IOC) extraction by orchestrating specialised agents across each phase of the intelligence cycle. github.com/foron23/OSINT-OA

NAM — PCAP packet sniffer (C)

- Captures and analyses raw network traffic, dissecting protocol headers for inspection and monitoring. github.com/foron23/NAM

EDUCATION

Master's in Cybersecurity and Privacy — Universitat Oberta de Catalunya (UOC) · 2024 – 2026

- Thesis on adversarial campaigns against models, RAG systems and agents: the origin of NORN.

BSc in Computer Engineering — UPV/EHU — University of the Basque Country · Donostia · 2016 – 2020

- Final degree project with honours.

CERTIFICATIONS

GitOps at Scale (Codefresh, 2025) · GitOps Fundamentals (Codefresh, 2025) · Azure AI Fundamentals AI-900, Azure Fundamentals AZ-900, Azure Data Fundamentals DP-900 (Microsoft, 2022)

TECHNICAL SKILLS

Cloud & DevOps — Kubernetes · Docker · Terraform · Ansible · GitHub Actions · Azure
Backend & data — Python · Node.js · SQL · PostgreSQL · Redis · InfluxDB
Frontend & real time — JavaScript · HTML/CSS · WebRTC · data visualisation
Security & AI — LLM red teaming · OSINT · traffic analysis (PCAP, C) · machine learning

LANGUAGES

Spanish (native or bilingual) · **Basque** (full professional) · **English** (full professional (C1))