

Iria Ramos Varela

Bilbao, Spain • www.linkedin.com/iria-ramos-varela • iriar.varela@gmail.com • +34 685755186

Computer Engineer and **Master in Cybersecurity**, with experience in *software development* and *mobile applications*, as well as in integrating security practices into agile environments. I have worked on projects combining data visualization, real-time communication, and cloud deployments, ensuring both technical quality and information protection.

Professional Experience

Software Engineer

BLUE Connecting Emotions

Remote

July 2023 – Present

- Development of *web applications* with **Angular**, **Ionic**, **NestJS**, and **Django**, from design to deployment.
- Administration and optimization of *SQL* and **NoSQL** *databases*.
- Configuration of **Firebase** for segmented *push notifications* for different types of users.
- Implementation of *CI/CD* with **Jenkins** and use of **SonarQube** for code quality control.
- Development of a *smartwatch application* with **Kotlin** and **MQTT** for real-time communication.
- Creation and deployment of *mobile applications* in **Java** and **Kotlin** for **Android** and **iOS**.
- Refactoring applying *Clean Code* and *Clean Architecture*.
- Deployment of web applications on **OVH** and **Docker** containers.
- Process automation (*backups*, reports) with **Bash** and **Python**.
- Configuration of *firewalls* and *port forwarding*.

Cybersecurity Engineer

Sarenat

Bilbao, Spain

March 2023 – June 2023

- Development of a *web application* in **ReactJS** for security data visualization and management.
- Implementation of *backend* with **NestJS** and integration of the **Darktrace Detect** API for real-time monitoring.
- Application of agile methodologies **Scrum** for development management.
- Configuration of *routing* and *firewalls* to optimize network security.

Software Engineer

Deusto SEIDOR

Bilbao, Spain

June 2021 – September 2021

- Development of *web interfaces* with **ReactJS**, optimizing user experience and performance.
- Management and customization of **WordPress** sites.
- Creation of *technical documentation* for software projects, facilitating knowledge transfer.

Education

Master in Cybersecurity

University of the Basque Country (UPV/EHU)

Bilbao, Spain

June, 2023

Bachelor's Degree in Computer Engineering

University of Deusto

Bilbao, Spain

June, 2022

Technical Skills

Methodologies and best practices: Clean Code, Clean Architecture, SOLID Principles, TDD, Scrum.

Systems and tools: Linux, Windows, Docker, Jenkins, Git, CI/CD.

Databases: PostgreSQL, MySQL, MongoDB, SQLite.

Languages: TypeScript, JavaScript, Python, Java, Kotlin, HTML, CSS.

Frameworks: Angular, Django, NestJS, Ionic, ReactJS.

Languages: Spanish (native), English (fluent), Basque (basic).