Lua Trevín Hernaiz

Junior Software Developer

Dream in logic, build with heart

Github
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Work Experience

Junior Back-end developer

Biyiud - Barcelona
Jun 2025 - Oct 2025   Full-time
Design and build secure, scalable microservice architectures in GCP with JS. Worked with firebase and SQL databases.

Junior Software developer

Jan 2025 - May 2025   Internship
Biyiud - Barcelona
CERT: Accreditation system for VET Qualifications adapted to the EU Blockchain infrastructure ~ link

IT technician

Uckert Technology Service - Berlin
Jan 2023 – Apr 2023   Internship Erasmus+
- Network planning
- Device installation and repair

INS Vilatzara - Vilassar de mar
Nov 2022 – Jan 2023   Internship
- User support, device & Software installation & repair

Education

Computer Programming - EQF 7
42 Barcelona
2023 - 2025
Peer 2 Peer Training, based on the acquisition of practical skills, teamwork and the mindset of continuous and autonomous learning.
C low level programming, algorithms, graphics.

CFGS Cross-Platform Application Development - EQF 5
Institut Tecnològic de Barcelona
2023 - 2025
- Database design & management
  - Oracle, SQL, MongoDB, Firebase
- App development
  - Java, Python, Kotlin, JavaScript
- Markup languages & API
  - JSON, HTML, CSS, XML, API REST
- Internship project **CERT** with Biyiud
- Collaborative Robotics
  - Communication protocols, URCaps

CFGM Computer Systems and Networks - EQF 4
Institut Tecnològic de Barcelona
2021 - 2023
- **Erasmus+ internship**
- Manage and Install operating systems
  - Linux, Mac & Windows
- Network services configuration

Tech Stack

Programming Languages
- Java
- JavaScript & Typescript
- C
- Kotlin
- Python

Frameworks & Libraries
- React
- Spring

Databases
- Oracle & MySQL
- MongoDB & Firebase

Other
- Docker, VBox
- Google Cloud Platform
- Git - GitHub
- Adobe Suite
- IntelliJ, VSCode, Vim
- DBeaver

Soft skills

- Cooperative
- Adaptable
- Proactive
- Problem-solving
- Continuous learner

Languages

- **Catalan** - Native
- **Spanish** - Native
- **English** - B2

Certifications

- Universal Robots Core training
- Cypher Fundamentals

Awards-Hackathons

- HP Code wars 2017 & 2019
- Jump2Digital 2023 - link
- Programame 2024
- Design Thinking King 2024
- 🏅 1st Robotics CatSkills 2025 - link
- 🏅 Dona TIC 2025 Student - link