

Jahat Jassiel Trinidad Leon

Lima, Peru

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PROFESSIONAL PROFILE

Software Engineering student specialized in **C++**, **Full Stack development** and **databases**. Experience leading teams of up to 6 people using Scrum and GitFlow. Developed 12+ projects: from CLI applications with advanced data structures (AVL, graphs, heap) to web platforms with React and TypeScript. Seeking an internship to apply my skills in C++, SQL and web development.

EDUCATION

Universidad Peruana de Ciencias Aplicadas (UPC)

Lima, Peru

Software Engineering

2024 – Present (Expected graduation: 2028)

Key Courses: Algorithms and Data Structures, Database Design, Web Development, Software Patterns.

TECHNICAL SKILLS

- **Languages:** C++17/STL (Advanced), TypeScript, JavaScript ES6+, SQL, HTML5, CSS3.
- **Frontend & Backend:** React, Node.js, Tailwind CSS, Bootstrap 5, Cytoscape.js.
- **Databases:** SQL Server, MongoDB. Triggers, stored procedures, relational modeling.
- **Algorithms & DS:** AVL, Hash, Heaps, Graphs. TSP, Dijkstra, topological sorting.
- **DevOps & Tools:** Git, GitHub, GitFlow, GitHub Actions (CI/CD), Figma, Linux.
- **Languages:** Spanish (Native), English (B1), Portuguese (A2).

FEATURED PROJECTS

CourseraClone - Educational Platform in C++

Product Owner & Lead Dev (Team of 3)

2024-2025

- Complete LMS in **C++17**: users, courses, payments and QR certificates. **12+ data structures** (AVL, Hash, Graphs).
- MVC architecture, RAI, JSON persistence. Web microservices with **React + TypeScript + Node.js**.

Mink'a - Circular Economy Platform

Project Lead (Team of 6)

2025

- Led end-to-end web development with **Scrum** (6 sprints, **140+ commits**, 6 releases).
- UX/UI design in Figma, complete **GitFlow**, CI/CD with GitHub Actions, GitHub Pages deployment.

More projects: GreenCircuit (TSP), CurriculumFLOW, ForestHero2 → github.com/trinity-bytes

EXPERIENCE

Asociacion Educativa Adventista Sur Oriental del Peru

Madre de Dios

Computer Science Teacher

Mar – Dec 2023

- Taught basic web programming and digital tools to high school students.

Subgerencia de Seguridad Ciudadana - MPO

Oxapampa

Surveillance Monitor & Community Manager

Aug 2022 – Feb 2023

- Managed institutional social media and video surveillance systems monitoring.

VOLUNTEERING

Municipalidad Provincial de Oxapampa

2023

Youth Environmental Promoter (100 Hours)