JEAN AGUILAR

Software Engineer

PROFILE

Software Engineer with a strong focus on understanding how systems work end-to-end and experienced in designing and implementing features that connect frontend, backend, and data layers, with attention to scalability, reliability, and maintainability.

Solid foundation in computer science concepts (data structures, algorithms, OOP) and hands-on experience building and integrating APIs, working with databases, and version-controlled workflows.

Comfortable using AI tools to accelerate development while maintaining ownership of design decisions and code quality.

EXPERIENCE

Junior Frontend Developer   2024 – 2025
Helpbits

As a Junior Frontend Developer, I helped build a farm management app using React, and worked on the landing page for Cactus Residence. I also integrated Firebase and Firestore, which improved my understanding of backend processes and cloud data handling.

PERSONAL PROJECTS

Calendar-Pro   2025

Developed an interactive calendar application that allows multiple users to create events, send and manage invitations, and control access based on user roles. The app supports event editing, cancellation, and calendar views with role-based restrictions.

Image-Analist   2024

Built a tool that analyzes an image of the game Sort Puzzle, pixel by pixel to reconstruct the game state as a matrix. The program then computes and displays step-by-step instructions to solve the puzzle shown in the image. Combined image processing techniques with logical algorithms to automate gameplay assistance.

REFERENCES

Gerald Vindas Aguilar - Software Development Engineer 2 - Amazon - geraldvindasa@gmail.com

Other references available upon request

DETAILS

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✉ jean.freddy.aguilar@gmail.com

LINKS

in LinkedIn

🔗 Cactus Residence Page

🔗 Personal Projects Repository

EDUCATION

University of Costa Rica

Bachelor's degree in computer science (in progress)

In progress

University of Costa Rica

Administration Bachelor's degree

2017 - 2021

SKILLS

- Problem Solving with eficient and scalable solutions
- Leadership and adaptability
- System Thinking
- Frontend: React, HTML, CSS, TypeScript, JavaScript
- Backend: Node.js, Firebase, AWS
- Programming languages: Java, C++, C, Javascript, Typescript, Python.
- Teamwork

LANGUAGE

- Spanish (Native)
- English (Professional)