

# ALEJANDRO LAGUNA

## SOFTWARE ENGINEER

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### SUMMARY

I like to take my time with things. To learn deeply, build thoughtfully, and enjoy the process. I don't rush, but I do things well because I care about them. Whether I'm writing code, building tools to make life easier, or getting lost in a book, I follow my curiosity wherever it leads. My workspace is quiet but full of ideas, my projects are practical but personal, and my approach is steady, like the slow growth of a forest.

### EDUCATION

<b>European Institute of Technology (EPITECH)</b> Bachelor + Master's Degree in Computer Science	<b>2024-2029</b>
<b>INS Cendrassos</b> Vocational Studies in Networking, Microcomputers and Operative Systems	<b>2022-2024</b>

### PROFESSIONAL EXPERIENCE

<b>Full-Stack Developer - Avantiam Inc. (Figueres, Spain)</b>	<b>Sep 2023 - Sep 2024</b>
<ul style="list-style-type: none"><li>• <b>TALL Stack</b> (Tailwind, AlpineJS, Laravel, Livewire) and MySQL/MariaDB</li><li>• Developed and maintained a comprehensive business management service utilized by over 100 companies.</li><li>• Managed all aspects of the project lifecycle, including server administration, performance tuning, and user experience improvements.</li><li>• <b>Recommendation letter</b> available upon request.</li></ul>	
<b>Full-Stack Developer Intern - Niblu Group (Maribor, Slovenia)</b>	<b>Summer 2023</b>
<ul style="list-style-type: none"><li>• Utilized <b>Next.js, Tailwind CSS, TypeScript, FastAPI (Python) and MongoDB</b> for a robust and scalable development process.</li><li>• Developed a secure authentication system and features for managing courses across different user roles.</li><li>• Integrated AWS S3 for seamless storage and retrieval of course materials.</li></ul>	

### SKILLS

**Programming Languages:** C, Go, Python, Javascript/Typescript, PHP  
**Frameworks & Libraries:** React, Preact, NextJS, Vue, NuxtJS, Express, FastAPI, TailwindCSS  
**Databases:** MongoDB, PostgreSQL, MySQL/MariaDB  
**Tools:** Git, Bash, Linux, LaTeX, Typst

### PROJECTS

**Morph:** Lightweight URL shortening API built in **Go** with minimal dependencies. First ever project with this language, and I tried to focus on the *stdlib* and build any needed tools.



**Relay (In Development):** Real-time chat application using **Go** backend with WebSockets and **Preact** frontend for instant messaging.



**Runes:** A small, simple, smooth and beautiful flashcard TUI program featuring keyboard navigation and custom study sessions. Built with **Go** and the **Bubbletea** framework.



**EPITECH Projects:** In my first year at EPITECH I have completed multiple projects that range from **algorithm implementation**, **graphical** and **mathematical simulations**, and developing from scratch different Linux commands and programs, including a shell. Everything done in **C**.