HAREL ALEJANDRO OLGUÍN GAYTÁN

SOFTWARE ENGINEER

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About Me

Software developer with experience in full-stack web development, primarily specializing in TypeScript and modern web technologies. I have worked on application development, web architecture, backend services, databases, CI/CD, and cloud environments. I also have experience leading development teams, making technical decisions, and collaborating with multidisciplinary teams.

Work Experience

Web Developer Roomieland - November 2025 - May 2026

- Led the frontend development of a web platform, coordinating tasks, making technical decisions, and defining implementation priorities.
- Designed and implemented a Backend for Frontend (BFF) architecture to centralize communication with backend services, improve authentication control, and adapt responses to the needs of the web client.
- Coordinated and delegated tasks according to the project's technical priorities, enabling the parallel development of different features.

Software Developer Intern Oracle - February 2025 - August 2025

- Used internal infrastructure based on cloud services, virtual machines, and Oracle databases for development and environment deployment tasks.
- Collaborated on the deployment and configuration of a containerized development environment using Kubernetes.
- Developed XML data queries and transformations using XQuery. This was done through an internal IDE that enabled the generation of orders for telecommunications products using XML.

Software Developer Intern Toshiba GCS - July 2024 - February 2025

- Migrated a frontend application from Vue 2 to Vue 3, modernizing its technology stack and improving its long-term maintainability.
- Developed a new frontend application as the project evolved toward an AI chatbot solution.
- Improved the authentication flow and session persistence to ensure proper integration with Toshiba's internal SSO system.

Skills

Lenguajes: TypeScript, JavaScript, Go, Python, Java, C#
Frontend: Vue.js, Nuxt, React, Next.js
Backend: Node.js, NestJS, Express.js, ASP.NET
Databases: PostgreSQL, MongoDB, MySQL
Cloud & Devops: AWS, Cloudflare, Docker, Kubernetes, Jenkins, GitHub Actions
Tools: Git, Github, Linux, Jira

Education

Software Development Engineering

Instituto Tecnológico y de Estudios Superiores de Occidente (ITESO)
2022 – 2027 (Estimated graduation date)

Languages

English: Advanced **Spanish:** Native