

To Whom It May Concern,

My name is **Juan Villarroel**, and I am a **Full-Stack Web Developer** with over eight years of experience building **scalable** and **high-performance** web applications. My strongest expertise lies in **frontend development**, where I work extensively with **React.js**, **Next.js**, **TypeScript**, and **JavaScript**, creating seamless and efficient user experiences.

Beyond frontend, I have a solid **backend** foundation, having built robust systems using **Node.js**, **Express.js**, and **Nest.js**, working with databases such as **PostgreSQL**, **MongoDB**, **Redis**, and **Kafka**, and utilizing **Prisma ORM** for database management. Additionally, I have worked on **multi-tenant** applications with **Single Sign-On (SSO)**, ensuring security and scalability for complex projects.

I am a strong advocate for **clean**, **structured**, and **scalable codebases**. I believe in organizing projects by functionality, allowing for easier **maintainability**, **scalability**, and **collaboration**. Separating features based on their domain ensures a well-structured architecture. Furthermore, I emphasize **clear documentation**, using **JSDoc** and other tools to make my code easy to understand and extend.

In addition to application development, I have created integration packages that allow clients to implement products seamlessly within their own applications. These public integration packages simplify the adoption of complex solutions, making it easier for businesses to enhance their products with minimal effort.

I also have a keen interest in **DevOps**-related technologies, including **Docker**, **Kubernetes**, and **AWS**, allowing me to understand infrastructure, deployment strategies, and system scalability. On the **UI/UX** side, I have extensive experience with **design systems**, having built and maintained component libraries using **Tailwind CSS** and **Storybook** to ensure consistency and reusability across projects.

I always strive to understand the entire lifecycle of a product, from development to production, including **server configurations**, **deployment pipelines**, and **technology stacks**. This broad perspective allows me to **propose better, more efficient solutions tailored to each project's needs**.

Best regards,

Juan Villarroel.

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