



# Jorge Chávez Mendoza

## Software Developer Engineer

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STATEMENT Professional in secure software development, focusing on high-quality web applications that comply with international security (ISO 7498-2) and software quality (ISO 9126) standards. Specializing in the design of secure architectures throughout all phases of the software development lifecycle, as well as in quality assessment and compliance with current Mexican legal regulations.

EDUCATION		Facultad de Estudios Superior, Aragón.	2021 - Present
		Computer Engineering.	
		Facultad de Estudios Superior, Aragón.	Aug 2024 - Present
		Computer Security Laboratory.	
		Cisco Academy	Jan 2024 - Mar 2024
		Network Security Fundamentals.	
		Oracle Academy.	Aug 2023- Oct 2023
		Fundamentals of C.	

SKILLS TRIDENT

**Development.**

HTML & CSS JavaScript React Node.js C

Express.js Mongo DB Rest API Git & GitHub

**Industry knowledge.**

Excel Networks Operative Systems UX/UI

Notion Jira Scrum Slack Figma

LINKS

LinkedIn.  
<https://www.linkedin.com/in/jorge-joya-/>

GitHub.  
<https://github.com/Jorgejoya10>

Notion.  
<https://www.notion.so/JavaScript-07788a88be1b4279b0ed2327cae543f0?pvs=4>

LANGUAGES

Spanish.  
Nativo.

English.  
Avanzado. B2+

Chinese. 你好  
Básico. HSK2.

- WORK EXPERIENCE
- Web Developer. Taloon Studio.** August 2024 - Present
- Led the development of dynamic, responsive UIs using React.js, Tailwind CSS, and Framer Motion, implementing functional components and animation transitions aligned with product and UX goals.
  - Developed reusable components and advanced custom hooks, applying modular architecture and Context API to enhance maintainability and performance.
  - Integrated and tested RESTful APIs using Axios, with optimized rendering through lazy loading, code splitting, and conditional fetch patterns.
  - Built and maintained real-time dashboards with predictive data visualizations, implementing unit and integration tests using Jest, React Testing Library, and mocking strategies.
  - Collaborated with designers and PMs to translate Figma mockups into accessible, mobile-first interfaces, using React Router for multi-view routing and consistent layout handling.
  - Applied Redux for global state management in complex apps and practiced secure coding standards through JWT-based authentication flows and session management.
  - Delivered production-ready deployments using Git, GitHub, ensuring seamless CI/CD integration and cross-environment stability

- Computer Security Lab. UNAM.** Aug 2024 to Present
- During my senior year of college, I was selected to join the Computer Security Lab at FES Aragón, where I participated in study groups specializing in cryptography, cryptographic algorithms and protocols, security standards, and applicable legal regulations in Mexico.
  - Additionally, I conducted an in-depth analysis of operating systems, particularly Linux, focusing on the kernel and how it manages the computer's resources.
  - I am currently developing my thesis on secure software development, with a strong focus on improving the current development paradigm. The research involves a comparative analysis of modern agile methodologies and the most common vulnerabilities and risks that arise from the democratization of software creation.

- FrontEnd Developer. DragonFly.** Sep 2023 to Jan 2024.
- Secured my first professional role at a marketing agency, where I was in charge of building the company's website to establish its online presence. Followed front-end best practices, focusing on modular code structure, performance, and responsive design.