Gonzalo Simon Aguilar

e-mail: **aguilargzb@gmail.com** | web: **aguilargonzalo.com**   LinkedIn: **linkedin.com/in/gonzalo-simon-aguilar**

Full-Stack Engineer with strong TypeScript, Node.js, and React expertise. Experienced in designing secure, scalable architectures, delivering user-focused solutions, optimising performance, and ensuring data privacy compliance.

EXPERIENCE

Leader Front-End Engineer at **PAGOS360**   **Oct 2023–Present**

- ❖ Led development of a fintech platform from scratch using TypeScript, Next.js, and Auth0, ensuring PCI SSC compliance.
- ❖ Integrated REST APIs and Webhooks with the back-end team, reducing payment processing times and improving data integrity.
- ❖ Streamlined user flows (onboarding, transfers) and documented procedures for technical and non-technical stakeholders.

Full-Stack Engineer at ArkusNexus   **Sep 2021– Oct 2023**

- Worked on scalable cross-platform applications for four major clients: **Figo Pet Insurance**, **ArkusNexus**, **Playboy Enterprises**, and **Martin Marietta.**
- Engineered REST and GraphQL APIs (Node.js, Hasura), while implementing secure data flow and integrating Docker for containerisation, reducing deployment times by 30%.
- Designed data migration scripts (PostgreSQL, MongoDB) that cut database migration windows from 3 hours to 20 minutes, minimising downtime.
- Automated several processes and Excel tasks with Python, removing 60 minutes of manual work each month to just a minute.
- Achieved 20% faster load times by leveraging advanced React hooks and optimised bundling strategies (Webpack), boosting user engagement.
- Created and maintained shared component libraries (React, TypeScript), which increased development efficiency by standardising UI/UX across multiple teams.
- Documented all technical changes for cross-functional stakeholders, including code samples, architectural diagrams, and knowledge-base resources.

Full-Stack Engineer at RetiaSoft   **Apr 2021–Sep 2021**

- Developed reusable React components and forms for a healthcare platform, streamlining complex state management and advanced hooks.
- Ensured secure data handling and compliance with healthcare standards with back-end services (Node.js)

Full-Stack Engineer Freelance   **Dec 2020–Apr 2021**

- Implemented a fully responsive e-commerce platform (React.js, Next.js, Node.js), focusing on performance and user experience.

EDUCATION

Bachelor of Computer Science at University of London,   **March 2024 - Currently Enrolled**
Licenciatura en Ciencias de la Computación at Universidad Nacional de Córdoba,   March 2021–Dec 2024

SKILLS

- Front-End: React, Next.js, React Native, TypeScript, Advanced Hooks

- Back-End: Node.js, Express.js, Hasura, GraphQL, Docker, Amazon Web Services

- Additional: DevOps Principles, Data Privacy & Compliance (PCI SSC), Mixpanel, Datadog, Linux/Windows/MacOs

- Languages: Spanish (Native), English (C1), French (B1), Italian (B1)