Gonzalo Simon Aguilar

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EXPERIENCE

Software Engineer at PAGOS360   **Oct 2023–Present**

- **Led the front-end development bank platform:** TypeScript and the latest version of Next.js.
- Created **from scratch a web platform, components** & functionalities. Taken care of accessibility, **safety & memory** usage.
- Ensured strict **compliance with international safety standards such as PCI SSC**, reinforcing data security and client trust.
- Worked with the back-end team as the leader of the front-end development to integrate APIs & Webhooks. Documented all changes to tech members, non-tech and legal team members.

Full-Stack Engineer at ArkusNexus (Clients list below)   **Sep 2021– Oct 2023 Figo Pet Insurance**

- Developed Android platforms using React Native and web platforms using React for (D2C) and (EB) sales.
- Advanced React Optimisation: Focused on advanced hooks (useMemo, useCallback) to minimise re-renders and enhance component efficiency. **Developed algorithms & custom hooks** for form state management and data fetching/caching, significantly **improving user experience**. Led to a 25% **reduction in load times** and an increase in user engagement.
- Learned from a high-level team & the best engineers in the company through code reviews. Understanding the key to user retention.
- Created API Integration and worked closely with back-end developers to define, refine, and integrate APIs.

Nordhen
- Developed from scratch an employee management platform with TypeScript-Next.js.
- Contributed to a custom company's library in a repository used by seven teams. Worked with PostgreSQL.
- Helped work with the REST-API with the backend team. Documented changes for team members. Contributed significant value, leading to first-hand experience with the project's growth.

Playboy Enterprises
- Developed Python scripts and leveraged Docker for containerisation while managing databases and APIs with GraphQL and Hasura.
- Successfully executed database migration scripts for both PostgreSQL and MongoDB. As the lead of this migration project, created scripts that reduced the migration time from 3 hours to just 20 minutes, documenting all changes and additions.
- Resolved backend issues with Node.js and frontend issues with React and Angular.

Martin Marietta
- Developed a business intelligence platform using TypeScript-React and REST API connections. Customised the UI with Material & Tailwind. Register/Login structure with Node.js and MongoDB.

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

- Contributed to developing a hospital platform. Designed new forms and performed data manipulation tasks with custom & reusable components. Managed complex state interactions.

Full-Stack Engineer Freelance: React.js, Next.js & Node.js on an e-commerce project.   **Dec 2020–Apr 2021**

EDUCATION

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

SKILLS

- ★ JavaScript, TypeScript, Python, React
- ★ Next.js & React Native, Advance & Custom Hooks
  - Spanish (Native), English (C1), French (B2), Italian (B1),

Node.js, Express.js, Hasura, GraphQL, MongoDB, DevOps Principles, Containerisation (Docker) Linux, Android. Data Privacy & Compliance

CERTIFICATIONS & AWARDS

AWS Cloud Practitioner	**IBM Back-End Development**	**Best GPA** Award (High School)
Full-Stack Developer (React.js & Node.js) freeCodeCamp	**Full-Stack Developer** (Angular, C# & SQL Server) Instituto Politécnico Superior Córdoba	