

# CRISTIAN ARIZA

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## PROFESSIONAL EXPERIENCE

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### Accenture, Buenos Aires Software Engineer Analyst

Sep 2022 – Present

- Refactored the backend architecture of the API by implementing modular file structures and reusable functions; achieved a 30% improvement in response time while ensuring maintainability for 3+ developers.
- Authored API documentation with Swagger, which over 15 development teams currently utilize, facilitating clearer communication and reducing the average time spent on API-related inquiries by 25%.
- Engineered a testing protocol using Jest, which allowed for the execution of automated tests for 30+ API endpoints, resulting in boosted productivity and freeing up developers to focus on new feature development.
- Collaborated with team members to resolve 15+ identified SAST/DAST vulnerabilities, achieving a 100% reduction in security risks within the application environment and ensuring compliance with industry standards.
- Architected a back-end solution for an AI chatbot that conducted automated security audits on source code, leading to a 20% reduction in identified vulnerabilities and improving security protocols.
- Transformed the database management interface by designing a visually appealing layout and incorporating advanced filtering capabilities, leading to enhanced overall productivity across the team.
- Executed a comprehensive review of API query structures, implementing best practices that led to a 20% enhancement in response times, enabling faster data processing for the chatbot utilized by 200+ users.
- Mentored two summer interns through the onboarding process, guiding the implementation of new API endpoints using ChatGPT with generative AI.

### Accenture, Buenos Aires Software Engineer Associate

May 2021 – Aug 2022

- Developed an innovative platform that coordinated security solutions for 150+ web applications, improving incident response times by 40% and enhancing overall system reliability during high-traffic events.
- Created an intuitive front-end using NextJS and TailwindCSS, which improved the app's usability score on user feedback surveys, receiving a 90% satisfaction rate in the first quarter post-launch.
- Implemented front-end enhancements that led to a 20% decrease in loading times by employing lazy-loading strategies, optimizing server call efficiency, and compressing images, resulting in an enhanced user experience.
- Revamped JSON data handling procedures by implementing selective data requests, achieving a 30% increase in API query performance; directly improved operational efficiency and end-user satisfaction.
- Redesigned the customer feedback process to gather actionable insights from the development team, resulting in a significant increase in the satisfaction rate from 80% to 95%, enhancing overall user experience.

## EDUCATION

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### Henry Bootcamp, Buenos Aires Full Stack Development

Dec 2020 - Apr 2021

- Achieved deep expertise in computer science fundamentals including algorithms, data structures, and system design through rigorous hands-on projects, leading to the successful development of 2 applications.
- Led a 5+ person team in developing an ecommerce website as part of the bootcamp project, with secure authentication, automated emails, payment integration, and search functionality.

## SKILLS & OTHER

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**Skills:** React, Redux, NextJS, JavaScript, CSS, HTML, Python, Git, Node, Express, PostgreSQL, MongoDB, and Sequelize.

**Languages:** English (Fluent, C2) and Spanish (Fluent, C2).