

Alejo Ezequiel Suarez

SOFTWARE DEVELOPER | SYSTEMS ENGINEERING STUDENT

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PROFESSIONAL SUMMARY

Software Developer with solid experience in web and mobile development, currently studying Systems Engineering. I specialize in building efficient and scalable solutions, applying clean architecture principles, agile methodologies, and user-centered design. I've contributed to the development of academic, administrative, and support systems, impacting thousands of users.

WORK EXPERIENCE

FREELANCE DEVELOPER | ADINI

Mar 2024 – Presente

- Designed and developed web and mobile applications focused on user experience and client goals.
- Integrated external services such as APIs, payment gateways, and cloud databases.
- Authored and refined user stories to ensure clear requirements and deliverables.
- Participated in backlog refinement meetings to prioritize and adjust tasks.
- Applied best development practices, version control, and agile methodologies like Scrum.

SOFTWARE DEVELOPER | National Technological University

May 2024 – Present

- Developed and implemented applications from scratch, following architecture and design best practices.
- Integrated modules and new features to improve user experience and system efficiency.
- Identified, fixed, and documented bugs, applying continuous improvements to existing codebases.
- Applied security measures in development and managed projects using agile methodologies such as Scrum.

FUNCTIONAL ANALYST | National Technological University

Nov 2023 - May 2024

- Gathered, documented, and tested requirements and functionalities to ensure proper system operation.
- Designed class diagrams, use cases, entity-relationship diagrams (ERD), and deployment diagrams.
- Analyzed existing systems and identified performance and functionality improvement opportunities.
- Managed and maintained databases, optimizing their structure and consistency.
- Monitored logs and managed HTTP requests to identify and resolve errors efficiently.

APPLICATION SUPPORT ANALYST | National Technological University

Aug 2022 - Nov 2023

- Collected and analyzed issues reported by users to provide effective solutions.
- Collaborated with development teams to implement updates and functional improvements.
- Wrote SQL queries for data extraction and generation of administrative and tracking reports.
- Documented technical procedures and support provided, and validated changes through functional testing.

EDUCATION

Systems Engineering , National Technological University	CABA Buenos Aires, 2021 - Present
Bachelor's Degree in Economics , University of Buenos Aires	CABA Buenos Aires, 2019 - 2021

CERTIFICATIONS

B2 English Certificate , Cambridge Institute	Jan 2009 – Dec 2017
Docker and Kubernetes , National Technological University	May 2025 – Jul 2025
Artificial Intelligence Diploma , National Technological University	Jul 2025 – Dec 2025
Backend Developer Diploma , National Technological University	Mar 2025 – Sep 2025
Python Diploma , National Technological University	Jul 2023 – Feb 2024
Database Diploma , National Technological University	Oct 2023 – Feb 2024
University Expert in Information Security , National Technological University	Mar 2023 – Sep 2023
Full Stack Web Development Diploma , National Technological University	Nov 2022 – May 2023

SKILLS

Languages & Frameworks: JavaScript, TypeScript, Python, React JS, React Native, Node.js, Express.js, Material UI, Chakra UI, Bootstrap, Tailwind.

Databases: MySQL and NoSQL.

Tools & Architecture: REST APIs, OAuth 2.0, Sequelize, Prisma, Docker, Expo, Microservices, GitLab CI/CD, Jira, Figma, Grafana.

PROJECTS

Desarrollo Web “Moviltrack” ADINI	Apr 2024 - Oct 2025
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I designed and implemented a comprehensive solution for internal project and business resource management, centralizing key information. It includes report generation, performance metrics, profitability analysis, and management of clients, suppliers, products, and projects. I optimized internal processes through an intuitive and modular interface.

Web Development “Integrated Application System” National Technological University	Jan 2024 - Jan 2025
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Implemented key features in a microservices architecture for academic and administrative management. Integrated OAuth 2.0 authentication, role segmentation, and client service creation. Developed modules like user management, broadcasting, and incident reporting.

Student ID Development UTN National Technological University	Jan 2024 - Mar 2024
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Developed a digital student ID with self-generated QR for real-time access to academic data. Integrated with the university's internal systems.

Mobile App Development “RIP Alive” ADINI	Jun 2024 - Dec 2024
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Developed a mobile app to store and share critical data in case of death. Implemented personal data management, encryption, subscription system, and integrated store.