

Alejo Ezequiel Suarez

SOFTWARE DEVELOPER | SYSTEMS ENGINEERING STUDENT

(011) 2303-3147 | alejo.2001.suarez@gmail.com | CABA, Argentina | [Portfolio](#) | [Linkedin](#)

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 provided support, validating changes through functional testing.

EDUCATION

Systems Engineering, National Technological University
Bachelor's Degree in Economics, University of Buenos Aires

CABA Buenos Aires, **2021 - Present**
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

TECHNOLOGY STACK

Frontend and Frameworks: HTML, CSS, JavaScript, React JS, React Native, Expo, Material UI, Chakra UI, Bootstrap, Tailwind CSS, Figma.

Backend and Integraciones: Node.js, Express.js, REST APIs, Sequelize, OAuth 2.0, Keycloak, Redis, Payment integrations (Mercado Pago, Stripe, PayPal).

CI/CD, Infrastructure and Architecture: Docker, GitLab CI/CD, Jenkins, Microservices, Event-Driven, Grafana, Git, Bash, Ubuntu.

Databases: SQL (MySQL, PostgreSQL) y NoSQL (MongoDB, Redis).

PROJECTS

Desarrollo Web “Moviltrack” | ADINI Apr 2024 - Oct 2025

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

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

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

Developed a mobile app to store and share critical data in case of death. Implemented personal data management, encryption, subscription system, and integrated store.