

# 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

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**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

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**B2 English Certificate**, Cambridge Institute

**Jan 2009 – Dec 2017**

**Docker and Kubernetes**, National Technological University

**May 2025 – Jul 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

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**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

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**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.