

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

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.