

# GONZALO RONZON

## INFORMATION TECHNOLOGY AND INTELLIGENT SYSTEMS ENGINEER

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### PROFESSIONAL SUMMARY

Results-driven Information Technology and Intelligent Systems Engineer with 5+ years of experience specializing in full-stack development. Proven track record of enhancing team performance through innovative solutions, reducing operational costs, and streamlining workflows. Expert in React frontend development with Django backend integration, delivering intuitive user experiences that drive business outcomes. Adept at Agile methodologies with a passion for continuous improvement and collaborative problem-solving.

### PROFESSIONAL EXPERIENCE

#### Engineer

01/2023 - Present

##### NBCUniversal

CDMX, Mexico

- Designed and implemented network updates while developing web apps for real-time SRT stream monitoring, significantly improving broadcast reliability
- Developed Copilot agents that automated workflows and generated summaries, enhancing operational efficiency across departments
- Created a centralized hub for controlling all IP devices for broadcast shows, streamlining technical operations during live productions
- Implemented automated reporting systems in Power BI with Jira and Power Apps integration for improved KPI tracking and data-driven decision making
- Provided expert technical support for specialized tools (Avid, VPOST, Latakoo), resolving critical operational issues during broadcasts
- Configured audiovisual workflows and monitoring systems that improved signal quality through proactive equipment inspection and maintenance
- Developed comprehensive user manuals that decreased training time for new staff while maintaining detailed equipment inventory

#### Lead Software Engineer

05/2021 - 12/2022

##### Kaminoitech

CDMX, Mexico

- Translated complex UI designs into seamless React applications that enhanced user engagement
- Implemented comprehensive test coverage for backend and frontend systems, substantially reducing production bugs
- Optimized Django endpoints that improved API response times and enhanced overall application performance
- Spearheaded the adoption of cutting-edge frameworks that accelerated development cycles and improved code maintainability

#### Intern Engineer

08/2019 - 04/2021

##### NBCUniversal

CDMX, Mexico

- Designed precise rack plans using Visio that improved equipment organization efficiency
- Developed a comprehensive Power BI dashboard that visualized team KPIs, identifying process inefficiencies
- Implemented preventative maintenance protocols for broadcast equipment, reducing system failures
- Created a data management application that streamlined information retrieval and improved data accuracy

#### Intern

01/2018 - 12/2023

##### Talent Universidad Panamericana

CDMX, Mexico

- Redesigned Angular webpage that improved page load speed and increased user engagement
- Created multimedia educational materials using Adobe Creative Suite that enhanced student comprehension

Led a team of 5 interns on a digital transformation project that was adopted by 3 departments university-wide

EDUCATION

Specialization in Engineering and Project Management

01/2023 - 12/2023

Universidad Panamericana  
CDMX, Mexico

Bachelor in Information Technologies and Intelligent Systems

01/2017 - 12/2022

Universidad Panamericana  
CDMX, Mexico

CERTIFICATIONS

Microsoft AZ-900

Microsoft (2024)

JavaScript: Test-Driven Development (ES6)

Online Platform (2023)

CCNA: Introduction to Networks

Cisco (2021)

Dante Certification Level 2

Audinate (2020)

TECHNICAL SKILLS

React	Angular	JavaScript (ES6)	TypeScript
Django	Node.js	Python	Java
MongoDB	PostgreSQL	Azure	Power Platform
WebRTC	WebSockets	Scrum	Agile
Avid	VPOST	Latakoo	SRT Streaming

LANGUAGES

Spanish: Native

English: Proficient

French: Beginner