

# Carlos Villalobos

Software Engineer

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## WORK EXPERIENCE

### Technical Solutions Engineer

**Education Platform** | Remote | [Dates]

- Designed and implemented REST API solutions to streamline data flow between systems.
- Delivered exceptional support for SaaS products, improving system performance by 20%.
- Provided training sessions for internal teams on AI and cloud-based tools.

### Maintenance Engineer

**Oil and Gas Industry** | [City, Country] | [Dates] • Conducted diagnostics and preventive maintenance for advanced telecommunication systems.

- Spearheaded projects to enhance operational efficiency, reducing downtime by 15%.
- Collaborated with cross-disciplinary teams for system upgrades and installations.

### Frequency Spectrum Monitoring Specialist

**Telecom Regulatory Body** | [City, Country] | [Dates]

- Utilized advanced frequency analysis tools to ensure compliance with spectrum allocation.
- Developed automation scripts to increase monitoring accuracy and reporting speed.
- Led weekly briefings with stakeholders on spectrum management strategies.

## EDUCATION

[Universidad de Buenos Aires](#) | Artificial Intelligence

[Universidad Autónoma del Caribe](#) | Bachelor of Science in Electronics and Telecommunication Engineering Barranquilla, Colombia | 02.2003 - 12.2007