

# RICHARD PEDRAZA

## COMPUTER ENGINEERING DEGREE

 +58 (424) 738-1929

 [rchrd-pdrz1993](https://www.linkedin.com/in/rchrd-pdrz1993)

 [richard.pedraza@proton.me](mailto:richard.pedraza@proton.me)

## WORK EXPERIENCE

SMX Services & Consulting (Remote, USA)

2025

### Full-Stack Developer / AI & Automation

- Built an intelligent recruitment chatbot that integrates with ATS systems and analyzes candidate profiles in real time.
- Automated candidate scoring and ranking based on compatibility, performance indicators, and psychometric traits.
- Implemented NLP pipelines and business rules to automate pre-screening, follow-ups, and talent nurturing.
- Reduced manual screening workload and enabled automatic communication with qualified candidates via chat and voice.

Crazy Imagine Software (Remote, USA)

2025

### Automation Engineer

- Orchestrated over 18 direct integrations with APIs and services (BrightData, Apollo, LinkedIn, Firecrawl, Telegram, Google Sheets, AWS S3, PostgreSQL), consolidating heterogeneous data in real time with zero manual intervention.
- Built an asynchronous infrastructure in n8n for data scraping and enrichment, reducing profile processing time from 30 minutes to 8 minutes per batch, achieving 99.3% data integrity across 25,000+ records weekly.
- Developed an automated backend in n8n to ingest and validate CSV files from WordPress into PostgreSQL, reducing processing time from 1 hour to 10 minutes per batch and eliminating import errors.

Universidad ISEP (Remote, Mexico)

2025

### Integration and Automation Specialist (Independent Professional)

- Design and implementation of automated workflows using n8n tools and API integrations, improving operational efficiency by 40%.
- Automation of curriculum unit creation: Development of a system that generates academic content based on the syllabus, reducing production time from 1 week to 1 day.
- Integration of low-code tools (n8n) and APIs to connect student management systems, improving operational efficiency by 30%.

## Full-Stack Developer

- Comprehensive digitization of internal processes: Automation of 100% of operational workflows, enabling the company to measure its performance in real-time through interactive dashboards.
  - Development of a real estate market analysis tool: System that appraises properties in less than 2 minutes (vs. 3-4 days manually), using custom algorithms with Python and Django.
  - Automation of legal processes through bots for meeting management and document signing, eliminating 90% of human intervention.
  - Implementation of RESTful APIs with Django and React.js, reducing system response time by 35%.
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## EDUCATION

Platzi	2024	Instituto Universitario de Tecnología (I.U.T.A.I)	2013 - 2016
<b>Design Patterns and SOLID in Python</b>		<b>Computer Engineering Degree</b>	
Platzi	2024	Instituto Universitario de Tecnología (I.U.T.A.I)	2010 - 2013
<b>Back-End with Python</b>		<b>Associate Degree in Computer Science</b>	
Platzi	2024		
<b>Django Course</b>			

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## SKILLS

- |              |           |              |                         |
|--------------|-----------|--------------|-------------------------|
| • Python     | • Django  | • Docker     | • AWS (S3, EC2, Lambda) |
| • JavaScript | • FastAPI | • MySQL      | • Git / Github          |
| • n8n        | • Axios   | • PostgreSQL | • Automation (low-code) |