



# Gonzalo Becerra

Electronic Engineer and Full-Stack web developer



/gbecerra94



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## SUMMARY

Full-Stack Developer with a background in Electronics Engineering, complemented by hands-on experience in embedded systems, automation, and control systems. Skilled in backend development with Node.js and frontend with Angular, with a strong focus on designing efficient REST APIs, implementing unit, integration, and end-to-end testing, and managing CI/CD pipelines with Azure DevOps.

Additionally, I have experience working with both non-relational databases (MongoDB) and relational databases (MySQL), as well as troubleshooting and monitoring production environments through Azure Application Insights. Passionate about problem-solving, process optimization, and delivering high-quality software solutions, I thrive in cross-functional Agile teams (Scrum) and enjoy continuously expanding my technical expertise.

## SKILLS

<b>FRONTEND</b>	Angular, React, HTML, CSS
<b>BACKEND &amp; API</b>	Node.js, Express.js, REST API
<b>DATABASES</b>	MongoDB, MySQL
<b>DEVOPS &amp; CLOUD</b>	Azure DevOps (CI/CD, Pipelines, Application Insights), Linux, macOS
<b>TESTING &amp; QA</b>	Mocha, Chai, Jest, Cypress, Postman
<b>VERSION CONTROL</b>	Git, GitHub
<b>TOOLS &amp; WORKFLOW</b>	Azure DevOps (Tasks), Jira, Trello, Figma
<b>LANGUAGES</b>	JavaScript, Python, Java, C

## WORK EXPERIENCE

### Full-Stack web developer

#### RYPT

##### 2023 - PRESENT

- Developed and maintained backend functionalities in Node.js with Express.js, optimizing API efficiency and database communication with MongoDB. Designed and optimized REST APIs, leveraging Postman for testing and debugging.
- Implemented advanced MongoDB queries, processing large datasets and structuring information for frontend consumption.
- Designed and integrated unit, integration, and end-to-end tests using Mocha, Chai, and Cypress, improving code stability and UI reliability.
- Managed and automated Azure DevOps deployment pipelines, ensuring smooth execution of tests and deployments in staging and production environments.
- Monitored and troubleshooted production issues using Azure Application Insights, reducing response times for critical incidents.
- Assisted in debugging and enhancing Angular frontend features, ensuring a seamless user experience.
- Collaborated in a cross-functional agile team (Scrum), managing tasks in Jira and working closely with designers via Figma.

## Director and Co-founder

### NFT Advisor

📅 2021 - 2023

- Led a team of four, managing operations for 150+ players in blockchain-based investment strategies.
- Defined product requirements and oversaw the development of a Web App, working closely with developers to align it with business and user needs.
- Managed financial operations and allocation of digital assets, ensuring sustainable business growth.
- Designed and launched the company's landing page using WordPress, HTML, and CSS.

## Lead Technician and Lab Manager

### KPN Uruguay

📅 2017 - 2021

- Led calibration and quality control processes for high-precision land survey equipment (Total Station, Optical Level).
- Managed a controlled lab environment, ensuring compliance with industry standards.
- Installed and implemented Machine Automation and Control Systems for construction machinery, enhancing accuracy and efficiency.
- Acted as the Trimble representative in Uruguay, providing training and technical support to local clients.

## Student Research Assistant

### ORT Uruguay University

📅 2017 - 2018

- Collaborated in a research team to design and implement a heat control system for a university experiment in the Analog Electronics and Automatic Control course

## Electronics Technician

### BQN

📅 2012

- Assembled and repaired electronic devices for the livestock industry.
- Gained hands-on experience in electronics manufacturing and quality control.

## EDUCATION

## Electronics Engineering

### ORT University Uruguay

📅 2017 - 2022

## Exchange Program in Electrical System Engineering

### University of Paderborn, Germany.

📅 2019 - 2020

## Full-Stack Web Development

### Udemy

📅 2022

## LANGUAGES

English

Spanish