

# Gastón Gaitan

## Backend Developer

### Contact:

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### Portfolio / Blog:

<https://www.ggtech.blog>

### Profile Overview:

5 years of experience working in technological roles with extensive academic and work experience in Python, Node.js, AI, LLMs, SQL, AWS, Linux, and Java, among many others. Team player with a professional level of English focused on finding patterns to identify robust solutions and ultimately add value to the organization.

### Location:

Buenos Aires, Argentina.

### GitHub:

<https://github.com/GastonGaitan>

### Stack Overflow:

<https://stackoverflow.com/users/19986581/gast%c3%b3n-gaitan>

### Youtube:

<https://www.youtube.com/@gaston.gaitan>

### Work Experience:

Python / Node JS AWS Backend Developer. | Trinetix. | Apr 2025 – Present.

- Create Fast API endpoints based on user stories.
- Align Angular frontend API requests with the corresponding data.
- Develop features according to user stories.
- Collaborate with UI/UX designers to enhance the user experience.
- Collaborate with Front End and DeVops team daily.
- Use AWS LocalStack to test local DynamoDB infrastructure.
- Collaborate in a multicultural environment where I use English daily to communicate with teammates.
- Collaborate with QA team.
- Scrum methodologies.
- Improve application performance using Python Concurrency modules.
- Keep track of my progress on Jira.
- Create python scripts to migrate old data and adapt it to the new application structure.
- English speaking daily.
- Lead Python 2.7 to Python 3.9 web app migration.
- Connect Fast API with SQL and Vector databases in Snowflake platform.
- Implemented Fast API WebSocket functionalities.
- Manipulate CICD workflows on GitHub actions.
- Led client-facing calls to explain system functionality and architecture, address inquiries, and resolve issues during application failures.
- Dynamo DB database integration on Python Fast API backend.
- Manage and create permission system to restrict platform access to users depending on their permissions provided by admin users.
- Developed and maintained RESTful endpoints using NestJS for entity management and business logic.
- Implemented JWT-based authentication and authorization to control and secure user access.
- Built and managed WebSocket integrations for real-time client updates.
- Integrated Supabase event triggers with WebSockets to send real-time notifications based on database changes.

Python AWS Backend Developer. | Bitbug. | Mar 2024 – Apr 2025.

- Created a back-end application integrating WordPress API, Python, Flask, MySQL, AWS Cloud, and Artificial Intelligence (GPT Chat API and Python SDK). I researched and learned how to apply the Chat GPT API on AWS services like Elastic Beanstalk and Lambda.
- I followed Scrum methodologies, maintained communication and updates within a multidisciplinary team, and communicating in English daily.
- Managed AWS services such as Lambda, Elastic Beanstalk, EC2, Load Balancers, DNS, Route 53 and SQS, among others. I developed APIs and worked on PHP development and extensions for WordPress.
- Implemented artificial intelligence solutions with Python, specifically using the GPT and Gemini Chat APIs.
- I collaborated with colleagues on GitHub, facilitating teamwork and code integration.
- Created XLS processing system integrating and Lambdas implementing Panda's library.
- Develop chatbots integrating payment APIs, Flask, FastAPI, Open AI API, WhatsApp API, Mercado pago API, NextJS, MongoDB, GraphQL and TypeScript.
- Node JS / Express endpoint backend development.
- Applied JSON Web Token to set user permission accesses.
- Database development.

Web Scraper. | Rank Genius. | Mar 2024.

- Freelance job where I scraped a Real State Company Data. I implemented Python, Pandas, and Selenium web driver to complete the task.

Support L3 Software Engineer. | Amdocs. | May 2023 - Mar 2024.

- Assisted front-end applications in maintaining their integrity with back-end applications that contained sensitive information about customers and the billing system.
- Advanced knowledge in SQL, Java, back-end, APIs, Unix/Linux, Full Stack, CRM, transaction systems, business logic and English, among others, was required to collaborate in the maintenance of the system.
- English speaking daily.

Semi Senior Localization Engineer. | TransPerfect. | Oct 2021 – May 2023.

- My role was to prepare files containing code so that translators could translate them without requiring technical knowledge.
- Additionally, I automated part of my daily tasks by combining Python, Excel, and batch programming.
- Everything I learned in this position was taught in English, as I was the only person working for the New York office from Argentina.
- I had to understand API requirements to prep Excel files to be sent to the technical team so that the data could be adjusted to the backend.
- The company had a Machine Translation API where I had to interact via HTTP to modify its data depending on the client's requirements.
- Apply regular expressions on files to separate translation and logical content.
- Manipulate Python, C#, Java, JSON and XML files depending on client's requirements.
- Led meeting with non-technical team members to explain them project requirements.

### **Knowledge and skills:**

Python. | HTML. | CSS. | Bootstrap. | JavaScript. | XML. | C. | Microsoft Outlook. | Excel. | Regular Expressions. | Notepad++. | CMD commands | Bash – PowerShell. | JIRA Project Tracker. | SQL. | NoSQL. | Relational database design. | PostgreSQL. | Batch Programming. | Django and Flask. | Selenium. | Pandas. | Amazon Web Services. | Docker. | GitHub. | Linux. | Unix. | VPS Hosting Servers. | SCRUM. | Oracle database. | APIs. | Java. | Object Oriented Programming. | JSON. | Microservices. | MongoDB. | ETL. | Networking. | Spring. | Jenkins. | React. | Pandas library. | AWS (SQS, Lambda, Elastic Beanstalk, Load Balancers, SQS, S3, Ec2, Route 53, among others). | SDKs. | API Development. | PHP. | WordPress. | Scrum methodologies. | Putty / SSH. | Artificial Intelligence. | OpenAI and Gemini APIs. | Microservices architecture. | Postman. | AWS Step Functions. | WhatsApp API. | Chatbot development and implementation. | GitHub Actions. | Strapi. | LangChain. | TypeScript. | NextJS. | Generative AI. | FastAPI. | Flutter. | C#. | .NET Framework. | REST Architecture. | Mercado Pago API. | Node JS. | Express. | Voiceflow. | JWT (Json web token). | Cookies. | Firebase. | SOLID Principles. | LocalStack. | OpenCV. | Streamlit. | Vector Databases. | Data Migration. | Snowflake. | WebSockets. | ECR, ECS, Fargate.

### **Soft skills:**

Proactivity. | High tolerance to frustration. | Teamwork. | Teaching.

### **Certifications:**

AWS Cloud Practitioner. | Amazon Web Services.  
Python Programming. | Educación IT.  
Deploy a Serverless Django web app with AWS Fargate. | Udemy.

Python Backend Bootcamp. | Código Facilito.  
VPS Hosting. | Udemy.  
ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & more. | Udemy.  
AWS Step Functions Guide - Workflow Automation. | Udemy.  
Front End Development. | Fundación Telefónica.

**Education:**

2021 – 2024 (In pause). | Bachelor of Information Technology. | Engineering Department of the University of Palermo.