JHOJAN JIMENEZ

Web Developer

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PROFESSIONAL PROFILE

Computer Engineer in training with practical experience in developing RESTful APIs, backend systems, and cloud deployment. Proficient in Python, FastAPI, Django, MySQL, AWS S3, and data validation with Pydantic. Capable of designing scalable solutions and performing automated tests. Interested in continuous learning and applying machine learning in technological solutions.

WORK EXPERIENCE

Backend Developer – GovLab
Remote | May 2025 – Present
- Developed endpoints using FastAPI and Pydantic.
- Managed MySQL database and migrations with Alembic.
- Performed unit and end-to-end testing with Postman and PyTest.
- Stored files in AWS S3.
- Managed technical documentation and automated deployment with Railway.
- Integrated messaging services.

Web Developer and Information Manager – UCTS Innovation Center
On-site | January 2025 – June 2025
- Developed a vaccine recommendation algorithm based on data analysis.
- Designed and updated the institutional website.
- Continuous collaboration with multidisciplinary teams

Web Developer – TurboCupones
Remote | June 2024 – September 2024
- Developed secure APIs with Django REST Framework.
- Implemented JWT, pagination, and advanced filters.
- Developed Frontend with NextJS.
- Performed unit and functional testing with PyTest.
- Collaborated using agile methodologies (Scrum, Trello).

FEATURED PROJECTS

WheelUS – Personal Project
Web platform for reservation management and communication in university environments.

- Backend in ExpressJS with authentication and user roles.
- WebSockets for real-time chat and notifications.
- Frontend with ReactJS, Leaflet, and OpenStreetMap.
- NoSQL database in Firebase.

EDUCATION

Computer Engineering (in progress)
Universidad de La Sabana

TECHNICAL SKILLS

- **Languages and Frameworks:** Python, JavaScript, FastAPI, Django, ExpressJS
- **Frontend:** ReactJS, NextJS
- **Databases:** MySQL, PostgreSQL, Firebase (NoSQL)
- **Cloud and DevOps:** AWS S3, Railway, Docker (basic), Git
- **Methodologies:** Scrum, Trello
- **Testing:** PyTest, Postman

OTHER DATA

- **Languages:** Spanish (native), English (intermediate)
- **Availability:** Immediate / Partial based on studies