

Wenceslao Facundo Marquez Burgos

Senior Backend Engineer

Summary

Experienced Senior Backend Engineer with a strong background in developing applications using Python, Go, PHP, and TypeScript/JavaScript. Skilled in data modeling, architecture design, and Infrastructure as Code (IaC).

Technologies and Tools

- Cloud: AWS, Azure
- IaC: Terraform, AWS CloudFormation
- Containers: Docker
- Languages: Go, Python, PHP, JavaScript/TypeScript
- Frameworks: GinGonic, Gqlgen, Flask, Connexion, FastAPI, Django, Pandas, Laravel, Drupal 8/7, Node.js, Next.js, Express
- Databases: MySQL, PostgreSQL, MongoDB

Work Experience

Homevision

Jul. 2023 - May 2024 - Python/Go Engineer

- Developed a backend system for processing Appraisal Documents, extracting and normalizing client, appraisal, and property information.
- Achieved 99.99% accuracy in data extraction and normalization through extensive data classification revisions.
- Process hundreds of appraisal documents daily. Both new and revisions of rejected documents.
- Perform validations to each submission to speed up the iterative process.
- Managed infrastructure using Terraform and AWS services (ECS with Fargate, AWS Lambda, SNS/SQS, S3).

Leniolabs

Jul. 2022 - Jul. 2023 - Python Backend Engineer

- Maintained and developed internal applications for Smarbiz, transitioning from Flask APIs to FastAPI.
- Implemented async jobs communicated via AWS SQS and SNS.
- Managed Infrastructure as Code with Terraform.

42mate

Jul. 2019 - Jul. 2022 - Web Developer

- **IBOR Migration:** Migrated an ECommerce platform from Drupal 7 to Drupal 8, developing custom modules and integrating with client's ERP.
- **Kimberly Clark Order Automation:** Developed a web application using Django, MSSQL, Vue, Docker, CosmosDB, and Azure. Integrated Okta for authentication.
- **Genies CMS and Developer Portal:** Built a CMS using Python, Go, Docker, PHP, MySQL, and Redis. Integrated AWS services (Pinpoint, Cognito, S3) and implemented event tracking with Segment.
- **Internal Projects:** Worked on projects using React.js, building pipelines, configuring nginx, and developing a GraphQL Go API.

UTN, Internship in Computer Laboratories

Nov. 2018 - Jun. 2019

- Maintained network and software infrastructure, working with Linux (Ubuntu), EGroupware, Bash, Python, Samba File Server, and VirtualBox.
- Developed a session creation system for Virtual Machines using Bash, Python, and VirtualBox to improve usability and prevent disk damage.

Education

Information Systems Engineering

UTN (Universidad Tecnológica Nacional)

- Currently studying in the 4th year.

Training in Web Development in Python

Globant

Languages

- Spanish (native)
- English (fluent)

Personal Interests

- Programming and developing tools to improve computer usability (brightness, volume controls).
- Exploring new technologies and tools, web development, and Unix-like operating systems.
- Enjoying music, movies, comics, and video games.

Links

- GitHub: <https://github.com/wmb1207>
- GitLab: <https://gitlab.com/wenceslao1207>
- Twitter: <https://twitter.com/wenceslao1207>