

Resume

Highly skilled software engineer with over 9 years of experience in building and maintaining production-grade software. Proven expertise in DevOps transformations, cloud migrations, and software architecture. Adept at working in Agile environments and delivering solutions that meet client needs and compliance standards (FINRA, SEC, HIPAA/HITECH, SOC2).

Technical Skills:

- **Cloud Platforms:** AWS, DigitalOcean, GCP, Linode
- **Programming Languages:** Python, Go, Rust, Ruby on Rails
- **Frameworks:** Flask, Django, FastAPI, Tokio
- **Databases:** PostgreSQL, MySQL
- **DevOps Tools:** Linux, Kubernetes, CI/CD pipelines, Jenkins, Argo CD, Github Actions
- **Infrastructure as Code (IaC):** Terraform, Amazon CDK, Pulumi
- **Methodologies:** Agile Development, DevOps, Object Oriented Programming, Functional Programming, Shape Up

Professional Experience

Staff Software Engineer | Vest, Remote

March 2021 – Present

- Played a key role in building the backend platform from scratch, ensuring security and compliance (FINRA, SEC) for client data, investments, and money.
- Defined quality standards and implemented local development tooling for code checks.
- Set up CI/CD pipelines to automate code checking, testing, and deployment.
- Implemented KYC flow (identity validation, fraud detection) and functionalities for investment platforms (stock market trading, robo-advisor portfolios).
- Led efforts to reduce infrastructure cost by over 50% and improved search performance by 20x.

Senior Software Engineer | Lumiata (*acquired by Somatus*), Remote

November 2020 – July 2021

- Developed data pipelines, data processing systems, and APIs for client-facing applications.
- Collaborated with product teams to deliver accurate ML predictions and ensure data accessibility for informed decision-making.
- Maintained compliance with HIPAA/HITECH and SOC2 standards.

Staff Software Engineer | Covalto (*formerly Credijusto*), Remote

April 2019 – October 2020

- Led the credit flow team (Sep 2019 - Jan 2020) to automate client case workflows and manage internal tools (opportunity tracking, financial core, loan management, etc.) using Python, Go, and PHP.
- Developed internal tools for client information management and cross-departmental collaboration.
- Assisted operations teams with data management and reporting processes.

Back End Lead | Runa HR, Mexico City, MX

January 2019 – April 2019

- Managed a backend team (10+ people) across 5 countries, overseeing the development of a scalable backend architecture to accommodate client growth.
- Provided technical guidance, improved team processes, and facilitated communication across development and product teams.

Software Engineer | Runa HR, Mexico City, MX

March 2018 – April 2019

- Designed and implemented backend services for payroll calculations, payment system integrations, client migrations, etc. (Ruby on Rails).
- Managed client onboarding (validation, migration, configuration) and developed for the company website (WordPress).
- Administered AWS instances and services for the platform.
- Integrated third-party systems (Zendesk, Mailchimp, Marketo) and created automation scripts (Python).

Software Engineer | Decidata, Mexico City, MX

November 2017 – March 2018

- Migrated a legacy full-stack system to separate backend and frontend services.
- Wrote tests, implemented code changes, and designed a CI/CD workflow for the backend migration (Django to Falcon).
- Created testing scenarios and functional tests (CodeceptJS + Nightmare) for different platforms.

Software Engineer | Freelancer, Remote (Mexico)

July 2015 – November 2017

- Delivered freelance software development projects, ranging from simple automation scripts to full-fledged systems.
- Analyzed client requirements, designed system architecture, and developed backend/full-stack services and databases.

Content Developer | Codepicnic, Remote (Mexico)

February 2015 – July 2015

- Created demos showcasing the capabilities of the Codepicnic platform using client APIs (Twilio, Stripe) in various languages (PHP, Python, Ruby, Javascript).

Education

Computer Engineering

Instituto Politécnico Nacional. Escuela Superior de Ingeniería Mecánica y Eléctrica, Unidad Culhuacán. Mexico City, MX

Additional Skills

*UML Diagrams • SCRUM • Redis • Docker • Git • HTML • React • Ruby on Rails • AWS Lambda
CSS • Test Driven Development • RESTful APIs • Financial Services • NoSQL Databases • Product Design • Metabase*