

Fernando Mendoza Nieves

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Profile

I'm a dynamic Software Engineer with a background in Test Engineering, now focused on Software Development. My transition has been immensely rewarding, allowing me to leverage my wide-ranging expertise in Ruby on Rails, JavaScript, TypeScript, React, HTML, CSS, Cypress, and various other development tools across the stack. I'm currently engaged in developing innovative software products, where I thrive on the opportunity to learn and grow every day. I have a strong passion for exploring new technologies and continuously enhancing my skills to deliver exceptional results.

Work Experience

07/2022 – present
Remote, USA

Software Engineer
CloudForecast

- Designed and optimized backend services using Ruby on Rails, ensuring scalable and high-performance data processing for AWS cost analysis.
- Built and maintained robust RESTful APIs to facilitate seamless communication between frontend components and AWS cost analysis data.
- Engineered a background job processing system using Sidekiq to handle AWS cost aggregation, ensuring efficient data retrieval and processing.
- Integrated AWS SDK with Rails applications to extract and process cloud cost data, improving system efficiency and data accuracy.
- Developed and optimized SQL queries and database indexing strategies to improve application performance and response times.
- Led architectural discussions with the CTO to ensure backend services aligned with product and business goals.

04/2018 – 07/2022
Lima, Peru

Software Development Engineer
Able

- Led backend development efforts using Ruby on Rails, focusing on API development and database performance optimization.
- Migrated and refactored legacy Rails applications, implementing modern best practices to enhance maintainability and efficiency.
- Led the integration of React into Ruby on Rails products, transforming UX and UI to elevate user satisfaction and engagement levels.
- Worked collaboratively on migrating applications to a modern stack, implementing TailwindCSS, Typescript, and Vite to enhance UX, UI, and development efficiency.
- Provided leadership in product development cycles, working closely with Project Managers and Scrum Masters to ensure on-time delivery of high-quality features.
- Identified and resolved bugs in the codebase, conducted comprehensive code reviews, and participated in exploratory testing sessions, showcasing exceptional problem-solving skills.
- Advocated for best practices by writing unit tests using Jest and RSpec, as well as end-to-end tests using Cypress, ensuring the robustness and reliability of applications.
- Took on the task of maintaining and refactoring legacy code, updating it to conform to current development standards and practices.

12/2016 – 04/2018
Lima, Perú

QA Test Engineer
Banco Cencosud

Work Experience

- Oversaw post-production testing of requirements, ensuring adherence to quality standards and functional specifications.
- Formulated quality indicators to evaluate performance and compliance of certified requirements, elevating overall product quality.
- Directed the estimation, planning, design, and execution of test cases to ensure comprehensive coverage and validation of product features.

02/2016 – 12/2016
Lima, Perú

QA Test Engineer
Choucair testing S.A.

02/2015 – 12/2015
Lima

QA Test Engineer
MDP CONSULTING S.A.C - Cliente Equifax Peru

04/2014 – 12/2014
Lima, Peru

QA Test Engineer
everis Perú

12/2012 – 03/2014
Lima, Peru

Software Developer
Banco de la Nación

Skills

– TECHNICAL SKILLS

Ruby On Rails
> 5 years

API Development
> 5 years

Ruby
> 5 years

AWS
1.5 years

SQL & Database Optimization
> 5 years

Sidekiq & Background Jobs
> 3 years

React
> 5 years

Heroku
4 years

Languages

Español
Native

Ingles
Professional

Strengths

Strong problem-solving skills # Extensive Ruby expertise # Full Stack experience
Agile development proficiency # Effective collaboration abilities

Education

01/2009 – 12/2013
Lima, Peru

Ingeniería de sistemas | Bachiller en Ingeniería de Sistemas e Informática
Universidad Nacional Mayor de San Marcos