

# RANDY MORALES GAMBOA

Software Engineer

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Passionate and results-driven software engineer with over 6 years of experience in developing and maintaining advanced systems. Proficient in Golang and Python. Excel at solving complex problems while delivering high-quality and efficient code. Successfully led projects leveraging REST API and Microservices; consistently exceeding performance and reliability targets. Key skills include:

|                                    |                 |                        |                       |
|------------------------------------|-----------------|------------------------|-----------------------|
| - Golang (Go Programming Language) | - Python        | - Linux Ubuntu — macOS | - Git                 |
| - NGINX – Docker                   | - REST— gRPC    | - Problem Solving      | - Time Management     |
| - Effective Communication          | - Microservices | - Jira – Agile – Scrum | - Continuous Learning |

## WORK EXPERIENCE

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### **Software Engineer – Huli (Mar 2025 – Currently)**

- Developed an important feature in the electronic file called [HuliPractice](#), streamlining the creation and management of sensitive checkup-related contracts to enhance doctor–patient interaction.
- Resolved critical bugs and performed code refactoring across multiple microservices, significantly improving the stability and reliability of the electronic medical record platform.

### **Software Engineer – Hewlett Packard Enterprise (Jan 2019 – Jul 2024)**

- Developed and maintained [REST API](#) for [Aruba OS-CX](#), simplifying interaction between networking devices and providing real-time information.
- Optimized REST API project impacting the switch boot process by reducing RAM usage by over 90%.
- Implemented features including pagination support and real-time notifications using Golang.
- Configured NGINX servers to isolate server instances for specific purposes.
- Added core functionalities to a proprietary daemon template using C/C++.
- Conducted integration and component testing with Python to ensure functionality and prevent regressions and containerized switches with Docker to achieve it.
- Led debugging efforts to ensure timely resolution and enhance overall project stability using Jira.

## EDUCATION

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**Bachelor's in Computer Engineering – Technological Institute of Costa Rica (TEC), San José (2019)**

**Master in Cloud Computing – IMMUNE Technology Institute, Online (2025)**

## CERTIFICATES

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**AWS ACADEMY GRADUATE: CLOUD ARCHITECTING – AWS Academy (2025)**

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**API CLEAN AND SECURE CODING: API SECURE CODING – Skillsoft (2023)**

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**GO ESSENTIAL TRAINING – LinkedIn Learning (2020)**

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