

ERICK PULLA

SOFTWARE DEVELOPER



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Skills

- Nodejs | Firebase | React | Express | Python | JavaScript | TypeScript | Java | C# | C/C++ | SQL | NoSQL | Django | FastAPI | Flask | Git
- AWS | Azure | Cloud Computing | CI/CD | Github Actions | Terraform | Unit Testing | Pytest | Jest | Selenium | Google API | GraphQL
- Backend | Frontend | Full-Stack | Microservices | Distributed Systems | English - Professional Proficiency Level | Spanish - Native

Experience

Senior Software Engineer (Novacomp) San José, Costa Rica

04/2023 - Now

- Developed cron job solutions in Apache Airflow for ACH files and reports deliveries according to stakeholders' requirements such as schedule, days (weekdays/holidays/weekend).
- Supported production as On Call Person to watch any incident, requirement or special events during the day along with BizOps, DevOps and Backend team.

Software Engineer (IOET Inc.) Incline Village, NV, USA

12/2021 - 04/2023

- Led the development of a web application (frontend) of statistical dashboard showing metrics about the performance of developers completing Jira tickets during a sprint or a certain time lapse.
- Designed and implemented scalable APIs (REST and GraphQL) along with cron jobs for managing first and third party services and reducing time by 90% (from 10 seconds to 1 second)
- Designed and developed a functional demo implementing a relatively new translation API for legal files (PDFs) in different languages for a non-technical public and wrote documentation for new teams about this implementation.
- Designed and implemented a CI/CD workflow using terraform that helped to automate deployment to staging and production environments.
- Developed a internal Single Sign-On service for internal applications that allowed to handle easier the user permissions and helped to collect all the statistical data about the usage of certain applications.

Data Analyst (Guayaquil Municipality) Guayaquil, Guayas, Ecuador

09/2021 - 11/2021

- Collected and cleaned demographic raw data about pregnant women from low-income neighborhoods in Guayaquil.
- Led the development and design of a frontend application that helped to track syphilis cases in Guayaquil city using Google Maps.

Software Engineer (Fish Industry Santa Priscila) Guayaquil, Guayas, Ecuador

02/2020 - 01/2021

- Developed an automated bot that browses the Ecuadorian tax website to extract relevant information for the company.
- Developed and implemented an e-learning system for seasonal evaluation of workers and trained HR staff to manage it.

Master Assistant (Casa Grande University) Guayaquil, Guayas, Ecuador

02/2019 - 02/2020

- Designed and developed mini games that helped a class lesson be more interactive for students (games such as roulette with prices, tic tac toe, dice roller, coin flipper).

Education

Engineer Degree (Escuela Superior Politécnica del Litoral) Guayaquil, Guayas, Ecuador

02/2017 - 03/2022

- Major in Computer Science Engineering

Projects

- **Moodle API Handler:** Simple and easy API handler app which users can create pages to call Moodle Endpoints. Made with Sveltekit + Firebase services (released on 12/2023).
- **QuickNote:** Based on PrivNote, it is a fullstack application used to share information such as secrets through a secure channel using FastAPI and React. (released on 01/2023)
- **Twilio Video Call App:** This is a minimal application for videocalling (Peer-to-Peer) using [Twilio API](#) (you must need to get access to Twilio credentials to use the app).
- **Mobile Pokedex App:** This is a project about showing an interactive Pokedex in a mobile version. This project was created using Flutter, Dart and [PokéApi](#) (free pokemon API).
- **Bingo Generator:** This project is a Bingo generator (Ecuador version) which helps to create a bunch of files with random numbers in a matrix (bingo paper).
- **Leap Motion:** Image number recognition using Machine Learning through hands movements. (07/2019)

Courses.....

Linkedin Learning, Google

- Foundations: Data, Data, Everywhere (2021)

Linkedin Learning

- Backend concepts (2020)

Linkedin Learning

- Reactjs: Fundamentals (2019)

Others.....

Dale Carnegie Training

- Generation Program (2019)

Bénédict International Language Schools

- Advanced Level (2019)

International Baccalaureate

- The IB Diploma Programme (2017)