ERICK PULLA
SOFTWARE DEVELOPER

LinkedIn | +593 99 887 1624 | erickpulladsi@gmail.com | Github | Portfolio | Ecuador

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 writed documentation for new teams about this implementation.
- Designed and implemented a CI/CD workflow using terraform that helped to automate delpoyment to staging and production enviroments.
- Developed a internal Single Sign-On service for internal applicationss 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

- **Easy Web Macros:** Google Chrome Extension that will allow an user to record your web actions and replay them with a single click. (released on 02/2024)
- **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 pókemon 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)