

Juan F. Reyes

Ecuadorian | juanfreyes17@gmail.com | 0978837288 | LinkedIn: Juan F. Reyes | GitHub: JuanFREYES4

EDUCATION

University of the Armed Forces ESPE

Quito, Ecuador

Software Engineering

- **Relevant Academic Background:** Web Programming, Object-Oriented Programming, Databases, Data Structures, Statistics, Artificial Intelligence, Software Analysis and Design, Microservices, Distributed Applications, Software Testing, Operating Systems, Software Architecture, Computer Networks.

EXPERIENCE

OneSoft

Quito, Ecuador

Frontend

Nov 2021 – Nov 2022

- Making mockups in the Figma tool for web page layout.
- I was in charge of the development of static web pages using HTML5 and CSS3.
- I was also involved in the analysis of user requirements.

University of the Armed Forces ESPE

Quito, Ecuador

Team Member – Backend / Team Leader - Network Design

Jul 2023 – Jul 2024

- I participated in the development of a web application used for the election of the queen of the university, an event that takes place every year within the university.
- For the development of the application, we worked under the XP methodology and my contribution within the project was to collaborate and develop certain modules for the backend of the application.
- I designed the network topology and deployed the application on a local network using a VLAN.

Ministry of the Environment, Water and Transition

Quito, Ecuador

Software QA Tester

Jun 2024 – Sep 2024

- I was present in the review and correction of the requirements of the project I was working on, in addition to testing several modules following routes within a flowchart.
- I managed a SQL database by making queries and insertions within it.
- I identified errors in the different production and test environments of various modules of the project I was in (SITEAA Project).
- I made use of tools such as Apache JMeter to perform stress tests and used Selenium Web Driver for the automation of certain repetitive tasks.

PROJECTS

ESPE Prototype of Contracting System

Quito, Ecuador

Team Member

Jul 2023 – Aug 2023

- Within this project I was in charge of making the frontend using HTML, CSS and the React library.
- I contributed to the design of the database for this project.

Voting System ESPE Queens 2023 - 2024

Quito, Ecuador

Team Member

Jul 2023 – Jul 2024

- Within this project, I used technologies such as React, Node.js, express, MySQL database and GitHub version control. I performed backend coding and subsequent maintenance to the code that was written.
- I also participated as an infrastructure leader in the network deployment part of the project, since it consisted of having one computer as the host and seven judges that connected to the host. The data needed to reach the host computer, and I designed the network topology used and opening the ports so that the data could arrive.

Prototype of Attendance Registration for Teachers using Computer Vision techniques

Quito, Ecuador

Team Member

Nov 2024 – Feb 2025

- I collected photographs of the professors at my university to put together a dataset.
- I participated in the training of feature extraction algorithms (VGG Face, FaceNet and FaceNet512) with the collected dataset. The training was carried out using TensorFlow, OpenCV and Python.
- A web application was developed which could perform the facial identification of the teacher and show him what classes he had that day. The development of the web application was carried out using React, Node.js and MySQL.

ACTIVITIES

Computer Repair

Quito, Ecuador

Computer Repair Technician

Mar 2022 – Present

- As a computer repair technician, I perform some services that include maintenance of electronic equipment (consoles, laptops and desktop computers), BIOS updates, driver and performance updates, installation of different Windows operating systems and some Linux distributions.

Road to Start Hack

Quito, Ecuador

Hackathon Participant

Feb 21, 2024

- A member of a team of four, within the hackathon we developed a web prototype that covered a solution to reduce shipping costs using drones for the half-mile transport company for the company Aerialoop.

English

Quito, Ecuador

English Teacher

Feb 2021 – Present

- I have given private English lessons from level A1 to C1. I have a Cambridge B2 English level certification and have always kept up to date by practising my spoken, written and read English.

SKILLS

Programming: Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB, C++, SQL, PostgreSQL, SQL Server, MongoDB, Java, React.

Methodologies: SCRUM

Tools: Visual Studio Code, Postman, SoapUI, IntelliJ, Cisco Packet Tracer, PyCharm, NetBeans, Google Cloud, Jupyter Notebooks, GitHub, Jira, Power Designer, Bizagi Modeler, Apache JMeter.