

Rudy Fernando Unzueta Perez

As a software developer, I want to build a strong knowledge on javascript technologies, improve my skills in new awesome projects with team mates who also enjoy this profession, grow up together and one day become someone who can help others.

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Working Experience

2023 - Present (Cochabamba/Bolivia)

Software Developer

Metrics - Numecent

Accomplishments

Metrics is a project aimed at visualizing Numecent analytics like user, applications, services, and servers statuses. Frontend work includes starting the project from scratch by preparing a Grafana image on ECR and deploying the container on ECS. It involves setting up general Grafana configurations and implementing Dashboards to display analytical graphs, such as the number of users, daily connections in the applications, user locations, server uptime status, cloudwatch data, and others. Backend work involves implementing the cloudwatch service in session and token servlets hosted on Tomcat. The servlets were refactored to send data to cloudwatch, and various AWS functions were implemented to extract ELB and Route53 data from cloudwatch. Scheduled function events were implemented to extract and move data from a stream to a logs database. Among other tasks, documentation was created for the implementation and configurations made in AWS CLI, Unit and E2E tests were included and updated for new features in the servlets.

Project Tools: Java 8, Tomcat 8.5, Grafana, Serverless Framework, AWS CLI ECR-ECS-ELB-Route53-Cloudwatch, Typescript, Ivy, Ant, npm, Docker, PostMan, JUnit, JMeter, Mysql, GIT, GitLab, Jira, Eclipse IDE.

2022 - 2023 (Cochabamba/Bolivia)

Software Developer

Visual Device Emulator - GlobeRanger

Accomplishments

Visual Device Emulator is an emulator of IOT devices. Frontend done: Work in the migration of the UI look and feel from infragistics and windows forms to DevExpress. Work in the yaml file for Azure DevOps pipeline CI/CD; create the ms installer with Wix as part of the DevOps task.

Project Tools: .NET Framework 4.8, Infragistics, DevExpress 22.1.5, Azure DevOps, Wix Toolset, GIT, Jira.

Software Developer

TrueRewards - Truextend

Accomplishments

TrueRewards is a web application service focused on claim rewards based on points gained for the users registered. Frontend done: User profile card, create new post, nominate people to give and receive points, list of available rewards, protect routes with guards. Backend done: Create the database model, start the project from the scratch, create the first API rest endpoints in relation with UI features. Work with SQL Server as database.

Project Tools: Angular, TypeScript, Sass, HTML, .NET Core 3, Nuget, PostMan, SQL Server, GIT, GitLab.

Software Developer

Time and Attendance - Truextend

Accomplishments

Time and Attendance is a web application service focused on the management of vacation requests of the employees. Frontend done: Line and pie charts, refactor existing views, lists and filtering. Propose and refactor of requests workflow, custom a day picker calendar, create multiple vacation requests, progress bars with the vacation state, modal with the process vacation info. Backend done: Create and refactor endpoints, stats for pie and line charts in UI, create public endpoint for Assets Tracking Service, make a code migration to handle and support uids instead of numerical ids, make a migration of Java version from 1.8 to 17, update docker files for a successful deploy in the server. Work with MySQL database the progressive migration of all numerical ids to uids in the tables and their relationships following a bottom-up strategy. Unit tests with JUnit 5, mock and Mockito. Coordinate daily meetings, estimate sprint tasks, help team members with code, make presentations and explain new features on sprint demos.

Project Tools: React, Semantic UI, Tx-UI-Kit, CSS, HTML, Java 1.8, Java 17, Spring Boot 2, Maven, npm, Docker, PostMan, JUnit 5, Mysql, GIT, GitLab.

Software Developer

Projects Microservice - Truextend

Accomplishments

Project Microservice is an API to save and manage information about the users and projects where they are assigned. Implemented updates at the to permit it work with the updates done in Time and Attendance service like a migration of numerical Ids to Uids. Database implemented a migration of some tables of numerical ids to Uids.

Project Tools: Node JS, Express, TypeScript, PostgreSQL, GIT.

Software Developer

Migration Tool - Truextend

Accomplishments

Migration Tool is a useful tool which allows the migration of tons of data from csv files to the different microservices of the company.

Project Tools: NodeJS, JavaScript.

Education

Bachelor in Computer Science

Universidad Mayor de San Simón

Workshops (OOP, GIT, Software Architectures, Agile Methodologies, Software Quality) Truextend

Achievements & Certificates

Sharepoint Framework – Webparts and extentions, Pluralsight (2022)

React – Initiate to Expert, Udemy (2022)

NodeJS – Initiate to Expert, Udemy (2021)

Dialog Flow – Programing Bots with Google, Platzi (2021)

NodeJS – Create Chat Bot for a Website, Udemy (2021)

Languages

English: Intermediate