Julian Figueroa

IT professional, JavaScript full stack web developer, AWS / Google Cloud Developer with ample experience, leading software applications development, highly effective and creative solutions to big enterprises.

Cr. 46a # 29 sur - 20 Ap. 721
Medellín, Colombia
(57) 310-7982218
julianfigueroatorres@gmail.com
https://github.com/Julian-Figueroa

EXPERIENCE

GORILLA LOGIC, Medellín — *Senior Web Developer*

AUGUST 2019 - Present

Entercom:
Support new features for the client's headless CMS called Unity Clay: https://www.radio.com/

The main client's goal is to move their legacy app built-in Drupal into the headless CMS

Migrations: Leading the massive migration of information, setting up the data into the model expected by the CMS.
Supports new content (Shows, Events, Contests) beside the existing ones (Articles, Blogs and Galleries).

Key responsibilities:
- Development of new features for the client
- Design of new approaches to achieve refactor development process
- Add new features and improve performance to the current client's backend Migration process

Technologies Used:
- Javascript, Mocha, Chai, Handlebars
- HTML5, CSS3, Vue, AWS services, NodeJS, Docker, Kubernetes, Clay CMS, ES, Redis

YesEnergy:
Design new strategies to create new features also modifying existing processes on the client developments.

The main client's goal is to move their legacy app built-in Flash into a new HTML 5 one.

Web Development: Working along with the client on their Jira items.

Most of them are to add new features to the app and others are fixing bugs.

SKILLS

No-SQL & Relational Databases (9/10)

Oracle 11g, ElasticSearch, MongoDB, Firebase, MYSQL

Amazon Web Services (8/10)
Serverless APP (API + Cognito + Lambda + DynamoDB) Migrations (RDS + S3 + On-Premises DB)

Google (7/10)
Cloud Functions, Hosting APP, Storage, Firebase

Front-end Development (8/10)

Angular, React, TypeScript, JavaScript, CSS3, HTML5, Bootstrap

Back-end Development (9/10)

NodeJS, REST Services, GraphQL

Mobile Development (6/10)

Flutter, Ionic

UX / UI (7/10)
Adobe Experience Design

Team (8/10)

Effective communication, planning, collaboration and Follow-up meeting

This web application implemented the pattern state using Redux and Context/Hooks and Redux-Saga.

Key responsibilities:
- Development of new features for the client
- Design of new approaches to achieve refactor development process

Technologies Used:
- Javascript, Mocha, Chai, Handlebars
- HTML5, CSS3, React, Font-Awesome, SASS, Plotly JS, Ag-Grid, AWS services, NodeJS, Docker, ES, Redis

GLOBANT, Medellín — *Node JS Developer*

JANUARY 2019 - JULY 2019

Design new strategies to create new features also modifying existing processes on the client developments.

Web Development: Creation of a web application to handle park and attractions images taken to the customers and upload them to S3.

The authentication process was handled consuming the client's API.

The web application showed the images taken in the attractions and then filtered them by a date or by character.

This web application implemented the pattern state using Redux and Context/Hooks.

Serverless Computing: Once the web application uploads the images to S3 it triggers the Lambda functions to create renditions upon the original image, also doing crop. The final step of the process was compressing these images into zip files.

Key responsibilities:
- Development of new features for the client
- Design of new approaches to achieve refactor development process

Technologies Used:
- AWS Services: Lambda, IAM, S3, CloudWatch, SNS, SQS
- Node JS, Javascript, Jest, Mocha, Chai
- HTML5, CSS3, React, Node JS, Javascript, Semantic UI, Response Design

ARUS, Medellín — *Cloud Researcher*

JUNE 2018 - DECEMBER 2018

Designing of Cloud solutions architecture for the needs of several clients, creation of the commercial proposal for the clients with the raised Cloud solution, also implementing IAAS, PAAS and SAAS.

Serverless Architecture: Creation of a web application that allows an admin

user to upload PDF files for several clients/providers, after that the clients/providers could get into the Web Application to download those PDF files. The Static site was uploaded and deployed to an S3 Bucket, a thought API Gateway the Application could handle their backend (Lambda with Business Logic) via HTTPS methods.

Web Development: Creation of a web application to handle events for artists in the music business, the backend and the images storage was handled with Google Cloud (Firebase, Storage, Hosting, Cloud Functions was used for filtering data).

Key responsibilities:
– Cloud architecture design for the specific needs of clients
– Implementation of IAAS, PAAS and SAAS

Technologies Used:
– AWS Services: EC2, RDS, Redshift, DynamoDB, Lambda, API Gateway, Cognito, Elastic Beanstalk, ECS, S3, VPC, CloudWatch, CloudFormation
– HTML5, CSS3, Angular 5, Node JS, Python,Javascript, Typescript, Response Design

QRVEY, Medellín — Senior Backend Developer

NOVEMBER 2018 - MAY 2018

Developer of Backend in Node JS, creation of data model in DynamoDB and ElasticSearch, creation of data connector for extracting information from relational databases (MYSQL, ORACLE) towards AWS services, creation of Lambda Functions to insert data warehouse information by taking compressed files from S3 to ElasticSearch. Creation of REST services for authentication and consumption of Containers stored in AWS.

Key responsibilities:

– Connector developments of large volumes of information
– Design of relational database models and Nosql
– Adjustments and improvements on existing developments at Node JS and AWS level

Technologies Used:
– AWS Services: DynamoDB, Lambda, API Gateway, Elastic Beanstalk, ECS, S3, CloudWatch, CloudFormation, Elastic Search
– Node JS, Javascript, Typescript, Unit Test – Mocha

VANGTRY TECHNOLOGY, Bogotá — *Leader Application*

OCTOBER 2015 - NOVEMBER 2017

Managing the Web Apps Development Team, also the Databases Development Team and the Integration Data warehouses Development Team, the last two teams working for Banco de Occidente client.

Key responsibilities:

– Guidance for databases development team and making follow-up meeting every week

– Design of databases model for the Web Apps

– Planning the responsive and effective solution for the client's requirements

Technologies Used:
– Oracle: DBMS 11g, Oracle Data Integrator 11g, Oracle Business Intelligence
– HTML5, CSS3, Angular 2, Node JS, Javascript, Typescript, Response Design

BANCO DE OCCIDENTE, Bogotá — *Software Engineer*

FEBRUARY 2012 - SEPTEMBER 2015

Development manager for Oracle Databases, Integration Data warehouses ODI (Oracle Data Integrator), BI Reports OBIEE (Oracle Business Intelligence Enterprise Edition).

Key responsibilities:

– Guidance for databases development Team

– Development database objects such packages, stored procedures, functions, etc.

– Design of databases model in Oracle Data Modeller

– Tuning SQL queries

Technologies Used:
– Oracle: DBMS 11g, Oracle Data Integrator 11g, Oracle Business Intelligence

LASC SA, Bogotá — *Full Stack Developer*

SEPTEMBER 2010 - DECEMBER 2011

Full-stack Web Development for Financial Applications.

Key responsibilities:

– Back-end development in C++

– Front-end development in HTML, JavaScript, C#

– Database SQL Server

Technologies Used:
– HTML, CSS, C#, C++,SQL Server, ASP .Net

EDUCATION

UNIVERSIDAD DE BOYACÁ, Tunja — *Systems Engineer*

AUGUST 2004 - DECEMBER 2009

Professional in Computer Engineering.