

Jhonatan TORRES FORERO

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EDUCATION

UNAL

Bachelor of Engineering in Computer Engineering

Graduating in December 2021

GPA 4.5/5.0

Rappi Foundation

Rappi-Sponsored Program with emphasis in Software Design

Summer 2018 - Fall 2019

SENA

Technical degree of Engineering in Software Development

Spring 2016 - Fall 2017

WORK EXPERIENCE

Siigo S.A

Software Engineer

Bogota, Colombia

January 2019 - Present

- Helped refactoring the client side web application by using Angular;
- Heavily used npm famous JavaScript modules and learned about many Web Development good practices;
- Collaborated implementing Test Driven Development;
- Helped refactoring the backend application by using .NET Core;
- Developed the mobile application by using React Native alongside Facebook's Flux data model;
- The backend was implemented as a RESTful API based on Nest.js, MongoDB and SQL Server.

Artyficial Technologies S.A.S

Software Engineer

Bogota, Colombia

Summer 2019

- Helped maintaining mobile and web applications for different payment devices such as Clover, Ingenico and Verifone;
- Implemented Unit tests and End to End testing by using JUnit and Espresso.

MAJOR PROJECTS

Outlaid

A SaaS to teach finance through recommendations.

July 2019 – Present

- Designed and developed both Mobile and Web versions using React.js and Flutter;
- Developed a backend application that was implemented as Microservices based on Express.js, Flask and PostgreSQL;
- The Web and Backend applications were deployed on Google Cloud Platform;
- The app won the second place at Angel Hack Colombia 2019;
- Designed and developed a prediction algorithm based on banking transactions by using Prophet.

My community

A mobile application which allows to generate chat rooms that contain people who are in a specific place.

January – June 2019

- Designed and developed a Mobile application using Flutter which was published in the Play Store and in the App Store.

Litooth

A mobile application for the dental control of indigenous populations.

August 2018 – Present

- Developed a native android application using Firebase.

Pseudocode to VHDL compiler

An application that is able to transform pseudocode to assembly code for dedicated computers

Spring 2019

- Developed a Windows application using .NET Core;
- Created an efficient syntax error localization Algorithm.

SKILLS

PROGRAMMING LANGUAGES

4 years: C#, C/C++, VBA, Java, JavaScript, SQL
2 years: R, Kotlin, Typescript, Ruby, PHP, Python, VHDL, Go
6 months: Matlab/Octave, Clojure, Dart, Swift

TECHNOLOGIES

HTML, CSS, node.js, Express, SQL, MongoDB, Firebase, Git, AWS, Unix/Bash, Android SDK, JUnit, Unity3D, Docker, Angular, React.js, React Native, Redux, Jest, Jupiter Notebook, GCP, Azure, CI/CD, Ruby on Rails, Flutter, Clover, App Center, Kubernettes, Jenkins.

AWARDS

2nd Place Team at Angel Hack Colombia (2019)
1st Place in the SINERGIA full stack competition (2018)
2nd Place Team at Siigo Hackathon (2018)
Best Final Project at SENA (2016)

ONLINE COURSES

Javascript Testing (Platzi 2019), SCRUM (Platzi, 2019), MongoDB (Platzi, 2018), Ruby (Platzi, 2018), Git and Github (Platzi, 2018) and Java SE (Platzi, 2018)