Diego Alfonso Prieto Torres

Carrera 51 # 183 - 16 Casa 61 | Bogotá, Colombia | diego.alfonso.prieto.torres@gmail.com | +57 315 6162527

PERSONAL OBJECTIVE

Acquire the necessary skills to improve the quality life of society, always learn and improve my knowledge in the field of software engineering and achieve my personal success considering the ethics that guide my actions.

EXPERIENCE

Pager   New York, United States   August 2020 - Current
Cloud Senior Backend Software Developer

- Build a robust and scalable telemedicine platform using microservices with Node, MongoDB, high web sockets and deploy using Docker over a Kubernetes platform.
- Build a microservices oriented architecture with strong bases of event driven architecture using Kafka and deployed over AWS and GCP.
- Increase the good practices in testing with the introduction of SonarQube to enhance the quality of the code to ensure a high test coverage and quality attributes as extensibility, maintainability and reduce the tech debt.
- Use scrum methodology to deliver value to our clients with sprints of two weeks and the ability to deploy daily in case of need.

Bizagi   Bogotá , Colombia   February 2017 - August 2020
Cloud Software Developer

- I developed a complex system using Terraform to provision cloud infrastructure with the objective of placing the Bizagi Engine solution in Microsoft Azure cloud provider. I develop new features for the Run Cloud platform daily, so that Bizagi's clients can access their services through the portal as needed. The challenge is to generate a scalable, traceable and reliable use of the cloud. In my time being here I became an expert in Azure and AWS cloud providers.
- I developed a highly available system that has the responsibility of sending all the notifications of each interaction that happens in the Bizagi server and the mobile devices of the users. That was done using Azure and implemented a complex suggested architecture.
- The performance analysis in Bizagi is complex, I am working at this moment on delivering a monitoring system over each Bizagi server instance that detect performance and availability problems and inform at a good time in order to offer a fast solution to our clients.

Oracle Academy Latam March 2020 - Current
Professor Object Oriented Programming
Professor Programming relational Databases

- I work as certified instructor in Oracle Academy where I have the opportunity to teach Object Oriented Programming and Databases Programming for multiple countries through Latin America, the most of time my students are teachers of Universities or schools and theirs institutions want to increase the professor's knowledge in the software fields to offer a more complete syllabus in this area, at the end my objective is train teachers so they can tech to their students.

Escuela Colombiana de Ingeniería Julio Garavito Bogotá, Colombia   July 2017 - Current
Professor of Software Architecture
Professor Object Oriented Programming

- Currently I'm also a professor. I teach Software Architecture and Object Oriented programming using Java, my most important objective is that my students understand and apply the concepts through multiple activities like laboratories, events, projects and contests. For my class it is really important to contact the industry, visiting companies and inviting amazing professionals into the class. I'm introducing a new teaching strategy called "dojos" where the objective is to learn in the best way the technical skills, because inside the classroom we focus a lot on theory.

Mensajeros Urbanos Bogotá , Colombia   October 2015 - February 2017
Full Stack Software Developer

- Creating the new Font End portal using modern technologies as Angular 2, this application responded to the company strategy increasing the new registered users and increasing the services ordered by natural persons.
- Enable the real time capabilities to the company applications in order to create a fluent communication and changes of states to clients, couriers, and administrators to respond quickly to the services. The solution was a websocket based architecture using Go, RethinkDB and SocketIO.

- Increase the revenue of the company developing a Travel Salesman Algorithm that enables to optimize the delivery of hundred or thousands of packages. This app was developed using JAVA the original algorithm was modified to include a Thread solution and so it can find the best distribution solution in less than one minute. During Christmas these solutions help the company to complete all the deliveries saving money, time, space and kilometers.

La Cadena Retail   Bogotá , Colombia   June 2014 - May 2015
Junior Software Developer
- My first job, the principal client was the Supermarket Olimpica, in one year I helped to develop the Treasury Application that actually controls all the Financial process for that company. My responsibility was transversal, working in DB2, Java with Spring and finally Angular. My best skills were applied to the Front, AngularJS was new for me and the team but the great team work enabled the good development process in all project stages.

EDUCATION
Escuela Colombiana de Ingeniería Julio Garavito   Bogotá, Colombia   April 2016
Bachelor's Computer Science
Honors:
- Scholarship for academic excellence
- Contestant in the 2014 Cartagena GSF-WEEF
- GSF-organizer Dubai WEEF 2015

Universidad de los Andes   Bogotá, Colombia
Master in Software Engineering

Universidad Oberta de Catalunya   Barcelona, España
Visiting Researcher in the context of the Master in Software Engineering.

SKILLS

- Amazon Web Service, Azure and Heroku, for deploy, scaling and modeling complex architectures.
- FrontEnd skills: AngularJS, React, Ionic, Automation gulp, bower and webpack.
- Databases: MongoDB, Oracle, MySql, SQLServer, ReThinkDB
- Languages: Java, C# . NET, Python, Go, Javascript, C++.
- Terraform, Puppet, Ansible. HashiCorp Stack
- Kubernetes, Docker.
- Kafka, RabbitMQ, Mosquitto
- Multiple testing strategies for mobile, web and databases.
- Ability to present in public.
- Rapid adaptation to change and learning.
- Integrate Web development with Sumologic, Sentry, New Relic, LogEntries, Hotjar, Mixpanel and Travis.

CERTIFICATIONS
Microsoft Azure Fundamentals   AZ 900
Microsoft Azure Architect Technologies AZ 300

LANGUAGES
Spanish - native
English - Intermediate - IELTS 7.0

AFFILIATIONS
BogotaJS
Global Azure Bootcamp
AWS Submit
Google Startup Weekend
Global Student Forum GSF
World Engineering Education Forum WEEF

References are available upon request.