

# Gustavo Andres Ramirez Lopez

Full-Stack Web Dev

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GITHUB | PORTFOLIO | LINKEDIN

## EDUCATION

SENA

TECHNICIAN SOFTWARE DEVELOPMENT

Soacha, Colombia

UNIVERSIDAD TECNOLÓGICA DE PEREIRA

BACHELOR COMPUTER SYSTEMS ENGINEERING

2020 - Nowadays

Pereira, Colombia

## EXPERIENCE

KONCEPTUAL | FRONTEND JUNIOR DEVELOPER

Remote | April 2022 – March 2023

- Web Development: Building and structuring frontend using HTML, CSS, and JavaScript.
- UI/UX Implementation: Translating design mockups into functional and responsive interfaces.
- Responsive Design: Creating adaptable layouts for different devices.
- Version Control: Managing code changes with Git.
- Bug Fixing: Identifying and resolving frontend issues.
- Testing and Debugging: Ensuring proper functionality and troubleshooting.

### References:

David Bonilla

Job Title: Fullstack developer

Company: UDT

Phone: (+57) 320 835 1887

## SKILLS

PROGRAMMING LANGUAGES	Javascript, NodeJs, C++, Python
LIBRARIES/Frameworks	Angular
TOOLS / PLATFORMS	Tailwind, SASS, HTML5, CSS5
DATABASES	Mysql, MongoDB

## PROJECTS / OPEN-SOURCE

VEHICLE ROUTING PROBLEM | [LINK](#)

C++, Cmake

- This project implements a solution to the vehicle routing problem (VRP) using a quadtree data structure and a variable neighborhood descent (VND) algorithm. The VRP is a classic optimization problem in which the goal is to find the shortest possible routes for a fleet of vehicles to deliver to a given set of customers.

PYTHON BILL ADMINISTRATOR | [LINK](#)

Python, PyQt

This project is a simple bill administrator that is built with Python, PyQt, and QT Designer. The project uses the MVC architecture, which separates the user interface (UI) from the business logic. This makes the project more modular and easier to maintain. The project also uses separation of concerns and responsibility delegation, which helps to keep the code organized and easy to understand.