

JUAN JOSE SIERRA ARROYAVE

SOFTWARE ENGINEER

✉ juanjose.sierra@utp.edu.co

📍 Pereira, Colombia

☎ +57 3003625303

Nineth semester Computer Science student at Technological University of Pereira.

I really like technology and learning new things. I have also worked with agile methodologies such as SCRUM.

EDUCATION

2021 - Present

Universidad Tecnologica de Pereira

Computer and Systems Engineering

SKILLS

- HTML - CSS - JavaScript- React
- NodeJS - Express - Django - FastAPI
- SQL - MySQL - PostgreSQL - SQLite
- Git / GitHub / GitLab - Docker

WORK EXPERIENCE

Software Developer - Freelance

May 2023 - November 2023 - Pereira, Colombia

- Glamping reservation web application development using React, NodeJS, Express, SQLite.
- Deployment with domain in digital ocean.
- Use of WebSockets and synchronization of reservations through the Node server with Booking.

Software Enginner - Elemental Lab S.A.S

December 2024 - June 2025 - Pereira, Colombia

- Developed and deployed a real-time messaging module integrated with WhatsApp using Django, Express.js, React, and WebSockets.
- Designed and implemented scalable backend APIs and user-friendly interfaces for managing client conversations and marketing campaigns.
- Integrated the module into the company's CRM, improving user experience and team workflow.
- Deployed the messaging system on DigitalOcean with Nginx, PM2, and SSL, ensuring a secure and efficient cloud environment.

LANGUAGES

- Español - Native
- English - B2: Upper intermediate

LINKS

- [Portfolio](#)
- [Linkedin](#)

