

Luis Esteban Peña

Bogotá, Colombia • luisesteban0406@gmail.com • +57 3058115870

LinkedIn: [linkedin.com/in/luis-esteban-peña-rodriguez-808b9b151](https://www.linkedin.com/in/luis-esteban-peña-rodriguez-808b9b151)

GitHub: github.com/esteban0406

Portfolio: esteban-portafolio.duckdns.org

Professional Summary

Junior software developer focused on backend and full-stack development, with experience building and deploying a real-time chat platform using TypeScript, NestJS, Next.js, PostgreSQL, Prisma, WebSockets, Docker, and GitHub Actions. Strong in authentication systems, RBAC, testing, and CI/CD. Fluent in English and Spanish with experience in customer-facing environments.

Education

SERGIO ARBOLEDA UNIVERSITY

Bogotá, Colombia

B.Sc. in Computer Science & Artificial Intelligence Engineering

2026

Relevant Coursework: Data Structures, Algorithms, Databases, Machine Learning, Software Development

Technical Skills

- **Languages:** TypeScript, Python, SQL
- **Backend:** Node.js, NestJS, REST APIs, WebSockets, JWT, OAuth, RBAC
- **Frontend:** React, Next.js
- **Databases:** PostgreSQL, MongoDB, Prisma
- **DevOps:** Docker, Linux, Nginx, GitHub Actions
- **Testing:** Jest, Supertest, Playwright

PROJECTS

Real-Time Chat Application (Discord Clone)

Built and deployed a full-stack real-time chat platform using Next.js, NestJS, PostgreSQL, Prisma, and Socket.IO, with a modular backend architecture.

- Implemented secure authentication with email/password, Google OAuth 2.0, and JWT-based sessions
- Designed a Role-Based Access Control (RBAC) system for managing permissions across servers, roles, and channels
- Built real-time messaging and presence features using WebSockets (Socket.IO)
- Wrote 100+ automated tests across backend and frontend (Jest, Supertest, Playwright)
- Deployed using Docker, GitHub Actions CI/CD, and VPS infrastructure with Nginx
- Structured backend modules to separate authentication, authorization, and business logic
- Database Optimization: Designed a relational schema in PostgreSQL using Prisma ORM.

Experience

Teleperformance

Customer Support Agent

Bogotá, Colombia

Feb 2024 – Dec 2025

- Provided technical support and customer care in English for international clients.
- Resolved time-sensitive issues under pressure with clear communication and structured problem-solving.
- Worked in a fast-paced environment requiring documentation, teamwork, and service quality.