

ESTEBAN GÓMEZ LEÓN

BACKEND DEVELOPER



+57 305 327 3449



estebangumy05@gmail.com

[LinkedIn](#)

[Portfolio](#)



Armenia, Quindío, Colombia

Dynamic and driven Systems Engineering student with a strong passion for full-stack (focus on backend) development. Innovative problem-solver with hands-on experience in creating impactful solutions. Skilled in delivering practical, efficient, and high-quality technological projects, complemented by an entrepreneurial mindset and a creative approach to challenges.

EDUCATION

2023 - Studies in progress

Universidad del Quindío

Systems and Computer Engineering

2010 - 2022

CASD School

Bachelor's degree

2020 - 2022

SENA - CASD School

Systems Technician

SKILLS

- Entrepreneurial Mindset
- Full-Stack Development (Springboot, Angular)
- RESTful APIs & JWT Authentication
- Microservices Architecture
- Machine Learning (Python, scikit-learn, NLTK)
- Desktop Application Development (JavaFX, SQLite)
- Data Structures & Algorithms
- UI/UX Design
- Problem-Solving
- Database Management (MariaDB, Postgres)

CERTIFICATIONS

2025

Coursera - Google

Foundations: Data, Data Everywhere

[View Certificate](#)

2025

DevSeniorCode

Full-Stack Web Development

[View Certificate](#)

PROJECTS

StayHub

Full-Stack Develop and Project Lead

- Developed a comprehensive platform for managing accommodations, reservations, and user reviews, utilizing Spring Boot, Angular, JavaFX, MariaDB, and Mapbox for an integrated and scalable solution.
- Designed and implemented RESTful APIs with secure JWT authentication, enabling seamless user registration, login, and accommodation management.
- Engineered a user-friendly UI/UX with Angular for web interfaces, enhancing accessibility and user experience.
- Integrated features like real-time search with date availability filters, email notifications via Mailtrap, and paginated responses for efficient data handling.
- Managed end-to-end development, from wireframe design to deployment, ensuring modularity, scalability, and alignment with modern software engineering practices.

[View Github Repository](#)

LexiPol: Sentiment Analysis Pipeline

Machine Learning Developer

- Developed an end-to-end machine learning pipeline for sentiment analysis using the IMDB Dataset, leveraging Python, pandas, NLTK, and scikit-learn to classify movie reviews as positive or negative.
- Implemented advanced text preprocessing techniques, including tokenization, stopwords removal, and lemmatization, to enhance data quality and model performance.
- Utilized TfidfVectorizer with bigram features to transform text data into numerical representations, optimizing for predictive accuracy.
- Trained a Logistic Regression model, achieving robust performance metrics (e.g., accuracy, precision, recall) on a test set, with a modular pipeline for reproducibility.
- Built a user-facing prediction function to analyze custom text inputs, delivering real-time sentiment classification for practical applications.

[View Github Repository](#)

Transactum: Virtual Wallet with Points System

Lead Developer

- Designed and developed a Java-based virtual wallet application with a points and ranking system, utilizing JavaFX and the MVC pattern to manage user accounts, transactions, and rewards.
- Implemented custom data structures (lists, stacks, queues, trees, graphs, hash tables) from scratch, enhancing educational value and demonstrating deep understanding of data structure design.
- Built features for manual and scheduled financial operations (deposits, withdrawals, transfers) and a dynamic points system for user ranking, driven by the UserRank module.
- Created an interactive UI with JavaFX, incorporating ComboBox for user selection and TableView for real-time account and transaction visualization.
- Ensured modular and maintainable code through service-oriented architecture, with robust business logic in AccountService and AuthService, and data access via UserDAO and AccountDAO.

[View Github Repository](#)

EXPERIENCE

¡Ay, Donitas!

Donut Business Owner & Developer

- Founded and managed a small-scale donut sales business, handling operations, inventory, and customer service.
- Developed a custom desktop application using JavaFX and SQLite for sales tracking, inventory management, and reporting, improving efficiency by automating daily tasks.
- Gained practical business acumen, including financial management and customer engagement, while balancing studies.

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Delivery Person & Waiter

Freelance & Local Restaurants, 2022-2025

- Delivered goods efficiently under tight schedules, enhancing time management skills.
- Provided excellent customer service in high-pressure environments, improving communication abilities.

LANGUAGES

English: C1 Level

Spanish: Native