

Diego Alejandro Botina

Software Engineering Student | Java – Python – JavaScript Developer

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Professional Summary

Currently pursuing a Bachelor's degree in Commercial Software Engineering with a concentration in Design and Architecture at Jala University. Self-taught developer with hands-on experience building full-stack applications, educational tools, and collaborative desktop solutions. I have led product development from scratch in my entrepreneurial initiative InventaOne and delivered university capstone projects following professional standards. I stand out for my discipline, fast learning ability, focus on clean code, and effective communication in multidisciplinary teams. I am looking for my first formal software development role where I can continue growing technically and deliver value from day one.

Education

Bachelor's in Commercial Software Engineering – Concentration in Design and Architecture

Jala University – Buga, Colombia

2025 – Present

Computer Systems Assistant

Discenter – Buga, Colombia • 2022 – 2024

Technical Degree in Local Tourism Operations

Servicio Nacional de Aprendizaje (SENA) – Buga, Colombia • 2022 – 2024

High School Graduate with Honors | Agricultural Technician

Institución Educativa Nuestra Señora de Fátima – Buga, Colombia • 2019 – 2024

Featured Projects

NotoFlow – Collaborative Task Manager Desktop Application

- Desktop application with real-time synchronization, secure authentication, and MVC architecture
- Technologies: Java 17, JavaFX, Firebase (Firestore & Authentication), Maven, JUnit 5
- GitHub: github.com/JalaU-Capstones/NotoFlow

Snake Lineal – Educational Snake Game with Linear Algebra Concepts

- Classic Snake game featuring real-time visualization of vectors, direction, collisions, and dot product
- Technologies: JavaScript, Canvas API, Firebase Realtime Database, HTML5 + CSS
- Live Demo: snake-lineal-a35d83.gitlab.io

Skills

Technical Skills

Java • Python • JavaScript • TypeScript • JavaFX • Spring Boot • React • Firebase • Git • Maven
• JUnit • HTML5 • CSS3 • Canvas API • SQL • Agile Methodologies (Scrum) • MVC • Clean Code

Professional Skills

Fast self-learning • Problem-solving • Team collaboration • Effective communication • Time management • Adaptability • Results-oriented mindset • Analytical thinking • Entrepreneurial initiative

Relevant Experience

Founder & Lead Developer – InventaOne

2025 – Present | Remote, Buga, Colombia

- Technical leadership and full-stack development of software products
- Architecture design, technical decision-making, and iterative delivery

Independent Developer – Personal & Academic Projects

2022 – Present

- Development of open-source applications and university projects following professional standards
- Practical application of agile methodologies and autonomous work

Certifications

- Badge: Introduction to AWS Educate Storage – Amazon Web Services Training and Certification • 2025

Languages

Spanish – Native

English – Intermediate (B1/B2) – Fluent technical reading and documentation

Signed / Firmado:

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Fecha / Date: 02 de February de 2026