

ALINE HENRIQUES

Recife, PE – Brasil

Email: alinealbhenriques@gmail.com | Phone: (81) 98123-7186

LinkedIn: [linkedin.com/in/aline-henriques](https://www.linkedin.com/in/aline-henriques) | GitHub: github.com/aline-henriques

SUMMARY

Computer Science student focused on Full Stack Development, with hands-on experience in software development, data analysis, and academic technology projects. Recognized for high performance in a technology residency program, with strong skills in problem-solving, system design, and collaborative development. Passionate about building scalable and user-centered solutions.

SKILLS

Languages & Backend: Python • C • Java • Spring Boot

Frontend & Web: HTML • CSS • JavaScript • React • Next.js • Tailwind CSS

Database: PostgreSQL • MySQL

Tools & Technologies: Git • GitHub • VS Code • Figma • Canva • Trello

Practices: Agile (Scrum/Kanban) • REST APIs • Version Control • Technical Documentation • UX/UI Fundamentals

PROJECTS

DevMind (In Development)

- Development of a platform focused on productivity and workflow optimization for developers
- Goal: centralize organization, learning and tools in a single environment
- Full Stack application with focus on scalability and usability
- **Technologies:** Java, React, MySQL

Escape Room Lógico (Educational Game)

[GitHub Link](#)

- Developed an interactive game to teach propositional logic through a gamified escape room experience
- Implemented logical systems such as truth tables, equivalence, and inference rules
- Built modular architecture with ranking system and user progression
- Integrated GUI and audio feedback for immersive experience
- **Technologies:** Python, CustomTkinter, Pygame, JSON

E-commerce Analytics (Olist Dataset)

[GitHub Link](#)

- Performed exploratory data analysis on a large Brazilian e-commerce dataset
- Generated insights on revenue, delivery performance, and customer behavior
- Built statistical analysis and visualizations for business decision-making
- **Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn

Full Stack E-commerce System (Cachaçaria Platform)

[GitHub Link](#)

- Developed a full stack e-commerce system with REST API and scalable architecture
- Implemented product management, orders, and user flows

- Applied BDD and agile practices for requirement definition
- Integrated frontend and backend services
- **Technologies: Java, Spring Boot, React, PostgreSQL**

Wireless Sensor Network Simulation (WSN)

[GitHub Link](#)

- Simulated a wireless sensor network for environmental data collection
- Implemented data generation, storage, and visualization modules
- Built CLI interface and automated tests with Pytest
- **Technologies: Python, Pandas, Matplotlib, Pytest**

Dei Tilti – Mental Health Web Platform

[GitHub Link](#)

- Developed a web platform focused on mental health and workplace well-being
- Implemented forum, chat support, and self-assessment features
- Worked with agile methodologies and team collaboration
- **Technologies: React, JavaScript, HTML, CSS**

Portfolio Website (Client Project)

[GitHub Link](#)

- Developed a responsive portfolio website with modern UI/UX
- Focused on usability, layout, and clean design
- **Technologies: HTML, CSS, JavaScript, Next.js**

Automatic Smart Trash Bin (IoT Project)

[GitHub Link](#)

- Built an automated system using Arduino and ultrasonic sensors
- Implemented real-time detection and servo motor control
- Integrated hardware and software for practical IoT application
- **Technologies: Arduino, C++, Embedded Systems**

Object-Oriented Programming System

[GitHub Link](#)

- Applied OOP principles in backend system design
- Focused on modular architecture and maintainable code
- **Technologies: Java**

EXPERIENCE

Technology Residency Program – CESAR School

2024 – 2025

- Developed real-world projects in collaborative environments
- Applied agile methodologies (Scrum/Kanban)
- Strengthened problem-solving and development skills

Top Student – Technology Residency (2025.1)

- Selected as standout student among peers
- Recognition awarded by Porto Digital
- Highlighted performance during Demo Day

EDUCATION

BSc in Computer Science

Universidade Católica de Pernambuco

Expected Graduation: 2029

Technology Degree in Systems Analysis and Development

CESAR School (On hold)

2024 – 2025

SOFT SKILLS

Communication • Teamwork • Organization • Problem-solving • Proactivity

LANGUAGES

Portuguese (Native) • English (Intermediate/Advanced)

ADDITIONAL INFORMATION

- Interest in Full Stack Development, Systems Analysis and UX/UI
- Strong interest in combining technology and user experience
- Continuous self-learning in software development and design
- Available for internship opportunities