

# Luis Eduardo Alencar Duarte Franco

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## Computer Science Student

Eager to solve real problems, academic experience in agile, environment setup, Linux, CI/CD and more.  
Proactive, communicative and always ready to learn.

## Education

**Universidade Federal do Piauí** — Teresina, Piauí, Brasil  
Bachelor's Degree in Computer Science (Jan 2019 - Dez 2026)

## Projects

### RiSC-16 Processor Implementation

- Developed using VHDL, GHDL and GTKWave, simulates the instruction-set of the RiSC-16 architecture.
- Automated testing with bash scripts.

### Web App - CRUD for Imagens

- RESTful API (Flask) integrated with React.js front-end.
- Agile Methodology applied with GitActions and colaborative work.

### Web Scraper e Blog Redesign

- Reconstruction of a blog using BeautifulSoup and MongoDB to scrape and store the data.
- Implemented in a EC2 AWS instance, keeping it online for a year.

## Technical Skills

- **Languages:** Python, Java, C, VHDL, HTML, CSS
- **Frameworks:** Flask, React.js
- **Testing:** CI/CD, Pytest, Selenium
- **Dabatases:** MySQL, SQLite, MongoDB
- **Tools:** Git, Postman, LaTeX, PlantUML
- **Idioms:** Fluent English

## Certifications

- AWS Cloud Practitioner Certification