



ABOUT ME

I hold a bachelor's degree in Information Systems from UNEX and I'm studying Mechanical Engineering at IFBA. Robotics brought me into technology back in high school, and since then I've been teaching, mentoring and building. Today I develop systems, websites and apps at VCA Construtora and serve clients through Fireframe.

I build digital products from scratch to deploy: requirements gathering, prototyping, documentation, front-end, back-end and databases, always with motion and care for every detail.

CONTACT

EMAIL	kailanesousa58@gmail.com
WEBSITE	lanecodes.dev
GITHUB	github.com/DevLaneSousa
LOCATION	Vitória da Conquista, BA, Brazil

TECHNICAL SKILLS

FRONT-END

Vue.js 3 • Quasar • React • Next.js
• TypeScript • JavaScript • HTML5
• CSS3 • SCSS • Tailwind CSS • Vite

BACK-END

Node.js • NestJS • Express

DATABASE

PostgreSQL • Prisma • Firebase
• Supabase • Oracle Database

MOBILE

React Native • Expo

ANIMATION

GSAP • ScrollTrigger • Three.js
• Lottie

DESIGN

Figma • Photoshop • Illustrator

DEVOPS

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> resume • lanecodes.dev

KAILANE FREIRES SOUSA

UI/UX Designer & Full-stack Developer

UI/UX Designer and Full Stack Developer focused on building digital products that connect design, technology and people.

WORK EXPERIENCE

May/2025 - present • 1 yr 6 mos

Developer and systems documentation VCA Construtora

I build the company's websites, systems and mobile app, write the technical documentation and take part in VCA Cast as a reporter.

May/2025 - present • 1 yr 6 mos

Founder Fireframe | Responsive Experiences

I serve clients as a contractor in UI/UX, front-end and end-to-end systems.

May/2024 - May/2025 • 1 yr 1 mo

UI/UX and front-end Vitória da Conquista City Hall

I worked on the "Governando com as Pessoas" system for the city government.

May/2023 - May/2024 • 1 yr 1 mo

Robotics and programming teacher Ensina Mais Turma da Mônica

I taught logic, programming and robotics to children and teenagers aged 4 to 14.

EDUCATION

Aug/2025 - present

Mechanical Engineering IFBA

Picking up the passion for hardware and automation that started with robotics.

Feb/2021 - May/2025

Bachelor's in Information Systems UNEX

Class representative, instructor of courses, talks and tutoring in Programming and UI/UX, and head of the mentoring team.

LEADERSHIP AND ACHIEVEMENTS

Apr/2024 - present

1st place at Hackonquista Vitória da Conquista City Hall

Team Acessibilize: making public transportation accessible to blind people. The prize was an internship at City Hall.

Jan/2022 - May/2025

Founder and first president of the IS student association UNEX

I created the course's student association, which didn't exist yet, to offer courses and bring students together.

Git Docker

COMPETENCIES

- Data modeling • UX Research
- Prototyping • Design System
- Motion design • REST APIs
- JWT authentication • OpenAPI
- Requirements gathering
- Systems documentation

STRENGTHS

- > Proactive
- > Communicative
- > Leadership
- > Focused
- > Teamwork
- > Eager to learn

LANGUAGES

Portuguese	Native
English	Intermediate
Spanish	Intermediate

Feb/2017 - Dec/2019

Robotics tutoring and competitions
SESI Anísio Teixeira

Robotics tutor, science fair organizer and competitor at OBR, FLL and robot sumo.

TALKS, COURSES AND MENTORING

Sep/2025 • Talk

Talk for Information Systems freshmen
IntegraSI — UNEX

Jun/2025 • Mentoring

Team mentoring
Code4City — Hub Conquista

Oct/2024 • Workshop

Figma workshop — 2nd edition
UNEX

CERTIFICATIONS

DEVELOPMENT

Complete JavaScript
Udemy · 78h

NestJS Training
Udemy · 6.5h

Consuming REST APIs
Udemy

Consuming APIs (NestJS)
Udemy

Building an API
Udemy

Vue.js 3 + Vite + Firebase
Udemy · 65.5h

Introduction to Tailwind CSS
Udemy

Oracle Database
Udemy

Consuming and Building
Web APIs
Udemy

DESIGN

Figma to Code (Advanced)
Udemy · 94.5h

Figma workshop — 1st
edition
UNEX · 4h

Figma workshop — 2nd
edition
UNEX · 4h

ACADEMIC

Academic Tutoring
UNEX

Robotics Booth
Science Fair

Hackonquista PMVC (1st
place)
City Hall · 35h

Introduction to Artificial
Intelligence
UNEX · 4h

Computational Modeling
IFBA

TALKS AND EVENTS

IT Talk
UNEX

Guest speaker
UNEX

IT Trends
UNEX