

Chalece DeLaCoudray

Software Developer | Full-Stack Web Applications | Python, TypeScript, and SQL

cdelacoudray@gmail.com | Atlanta, GA | 912-271-6997

linkedin.com/in/chalecedelacoudray | chalece-portfolio.vercel.app | github.com/ChaDe1922

SUMMARY

Full-stack developer who builds production web applications and spent years teaching the infrastructure underneath them. Builds and deploys web applications end to end in TypeScript, React, and PostgreSQL, with REST APIs, row-level security, versioned SQL migrations, and automated Playwright and Vitest suites.

SKILLS

Languages: Python, TypeScript, JavaScript, SQL, Bash, Java, HTML5, CSS.

Backend and data: REST APIs, webhooks, PostgreSQL, row-level security, versioned SQL migrations, Supabase Auth and Storage, Zod validation, data dashboards.

Frontend: React, Next.js App Router, Tailwind CSS, shadcn/ui, WCAG and accessibility practice.

Delivery and testing: Git, GitHub, GitHub Actions, CI/CD, Vercel, Sentry, Playwright, Vitest, axe-core, cross-browser testing, root-cause debugging.

SOFTWARE DEVELOPMENT EXPERIENCE

Founder and Developer

2020 to Present

Independent Full-Stack Development, Remote

- Build and maintain a production web application and its REST API layer using Next.js, React, TypeScript, PostgreSQL, authentication, and media storage, deployed on Vercel.
- Maintain 50+ versioned SQL migrations with row-level security, and validate data at the API boundary with Zod schemas.
- Maintain automated Vitest and Playwright coverage across authentication, onboarding, API contracts, cross-browser behavior, and accessibility through axe-core.
- Built the API routes for subscription billing, with checkout sessions and webhook handling for new, updated, and canceled subscriptions and failed payments.
- Investigate production issues through Sentry and application logs, trace failures to root cause, and add regression coverage for durable fixes.
- Use AI-assisted development inside a review gate where every change is read, tested, and verified in the browser before merge.

Co-Founder

Jan 2024 to Present

E22 Athletic Development, Atlanta, GA

- Built the data-collection systems, game and play-by-play statistics, and performance and wellness dashboards for coaches and players.
- Design differentiated curriculum for women's tackle football athletes of every experience level, spanning football IQ, data literacy, onboarding, and brand and media skills.
- Co-founded an athletic development company that supports athletes' performance, development, and career growth.

Planet Bug | ACM CHI 2020

- Co-created an interactive educational game built in Phaser, programming the microcontrollers and movement sensors inside a camera-emulating controller.

ADDITIONAL EXPERIENCE

Computer Science Curriculum Developer | Codio | Jun 2021 to Jun 2026

STEAM Curriculum Integration Specialist | CEISMC, Georgia Institute of Technology | Jun 2019 to Nov 2021

Lead Teaching Assistant | Georgia Institute of Technology | May 2019 to Aug 2019

Program Manager, Audio Quality | Amazon Music | Dec 2021 to May 2023

Workshop Facilitator and Panelist, Contract | Georgia Institute of Technology | 2023 to Present
Junior Audio Engineer, then Administrator | Tree Sound Studios | Nov 2012 to May 2016

EDUCATION

Master of Science, Music Technology, Cognitive and Computational Musicology 2018 to 2020

Georgia Institute of Technology, Atlanta, GA

- Graduate coursework in educational technology and human-computer interaction.
- Herbert P. Haley Graduate Fellowship and OMED Tower Award.

Bachelor of Arts, Music Technology 2008 to 2012

Bethune-Cookman University, Daytona Beach, FL

PUBLICATIONS

- IEEE RESPECT 2021. Your Voice Is Power, co-author.
- ASEE Annual Conference and Exposition 2023. Your Voice Is Power curriculum study, co-author.
- ACM CHI 2020. Planet Bug: Promoting Awareness of Declining Insect Populations, co-author.