

Richmond (Kofi) Azadze

(512) 650-9818 | richmondazadze1313@gmail.com | linkedin.com/in/richmond-azadze | github.com/richmondazadze

EDUCATION

Grambling State University

Grambling, LA

Bachelor of Science in Computer Science | GPA: 4.0

Expected Graduation: Dec. 2028

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Systems, Artificial Intelligence, Computer Architecture

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, Node.js, SQL

Frameworks & Tools: Next.js, React, Tailwind CSS, Firebase, Supabase, NeonDB, REST APIs, AWS, Git, Responsive Design

Certifications: IBM AI Practitioner, Enterprise Design Thinking

EXPERIENCE

Lead Developer – Penny Track | Remote

Oct. 2024 – Dec. 2024

- Led a team of 3 developers in building a serverless budgeting platform for 70+ monthly active users using Firebase and Next.js, achieving 99.9% uptime through scalable architecture and automated monitoring systems
- Improved user retention by 25% and reduced input time by 70% through data-driven UX redesigns, goal tracking, and A/B-tested features validated with 20+ user sessions

Software Engineering Fellow – Headstarter AI | Remote

Jul. 2024 – Sep. 2024

- Built 5 AI web applications using Next.js, Firebase, Gemini API, and OpenAI API, implementing authentication and optimization strategies achieving measurable performance improvements in 3-week Agile sprints
- Optimized application performance by 35% through asynchronous data fetching and component-level caching, reducing user drop-off by 20% at critical interaction points

Freelance Full Stack Developer | Remote

Jan. 2022 – May 2024

- Delivered 10+ mobile-first web platforms for startups with 25% faster load times via SSR and lazy loading, consistently meeting client deadlines and project requirements
- Improved SEO rankings by 40% for 10+ clients through React CMS integration with Firebase and SQL query optimization, driving measurable increases in organic traffic

PROJECTS

AtmoWise – AI Air Quality Health Assistant | Next.js, OpenRouter API, Supabase

atmowise.app

- Developed comprehensive air quality platform at HackRice hackathon, integrating OpenWeather and AirNow APIs with intelligent fallback systems to deliver real-time pollution data and AI-generated health recommendations
- Implemented correlation timeline visualization connecting air quality metrics to user-logged symptoms, plus emergency safety features and customized health profiles for asthma, pregnancy, and respiratory sensitivity conditions

Sankpost AI – Social Media Content Generator | Next.js, Gemini API, Clerk, NeonDB

sankpost.me

- Built SaaS platform automating branded content creation, reducing generation latency by 40% through optimized NeonDB operations, smart caching, and parallelized processing pipelines
- Integrated Clerk authentication system with dynamic tone presets, enabling content creators to generate 50+ customized posts per session with improved productivity workflows

Portfolio Website | Next.js, ShadcnUI, Tailwind CSS

richmondazadze.me

- Engineered high-performance website with sub-2s load times and optimized transitions using code splitting, semantic HTML, and static generation techniques
- Designed interactive UI with animated transitions and comprehensive project showcases, increasing visitor engagement by 45% and generating 20+ professional inquiries

LEADERSHIP & ACTIVITIES

Perplexity AI Campus Ambassador | Campus Leadership

Aug. 2025 – Present

- Organized awareness sessions and demos to promote AI research tools, engaging student groups and driving early adoption.

ColorStack Member | Community Engagement

Jan. 2025 – Present

- Contributed to mentorship and workshops in the Black/Latinx CS community, supporting peer growth in technical careers.

HackRice 15 Hackathon | Rice University

Sep. 2025

- Placed in top 10% of 200+ participants by prototyping AtmoWise in 36 hours, showcasing speed, creativity, and impact.

Amazon Prep Series | Interview Preparation

Jun. 2025 – Jul. 2025

- Completed program focused on system design and behavioral frameworks, strengthening communication and problem-solving.