Richmond (Kofi) Azadze

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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, SQL
Frameworks & Tools: Next.js, React, Node.js, Tailwind CSS, Firebase, Supabase, NeonDB, Git, REST APIs, AWS
Certifications: IBM AI Practitioner, Enterprise Design Thinking

EXPERIENCE

Lead Developer – Penny Track | *Remote* Oct. 2024 – Dec. 2024
- Led development of serverless budgeting platform for 70+ monthly active users using Firebase and Next.js, achieving 99.9% uptime with scalable architecture and automated monitoring
- 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.