

Raheem Lawal

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EXPERIENCE

Boeing - ([boeing.com](https://www.boeing.com))

Jul 2025 - Present | CA

- Senior Software Engineer
 - o Develop distributed framework to store and transfer data for internal AI models (**Argo, Python, Docker, Kubernetes**)
 - o Improve geosynchronous satellite backend SW through test case refactoring, reliability checks, and codebase remodeling (**Typescript, Python, AWS S3**)
 - o Lead DevOps CI/CD pipeline for usage by a team of 10 software engineers (**Gitlab**)

Northrop Grumman - ([northropgrumman.com](https://www.northropgrumman.com))

Aug 2020 - June 2025 | CA

- Software Engineer
 - o Lead and develop full stack AI web chatbot application (**React, Python, Llama3**) for hardware engineer spacecraft test interface queries and script development
 - o Lead and develop custom full-stack web application (**React, Python**) that automates internal engineering scripts and tasks, saving 20 hours a month.
 - o Lead and develop real-time and full-stack web data visualization application (**Vue, Python**) for use by 50 test engineers decreasing spacecraft commanding decisions by 15%
 - o Develop desktop application (**Typescript, Vue, Electron**) for 20+ year old legacy system modernization
 - o Develop weekly patches for multi-layered spacecraft test interface (**Java, SQL**)
- Associate Software Engineer
 - o Lead and develop implementation of distributed system containing software (**Python, Real Time OS, FPGA, LabVIEW**) and hardware components (embedded controller) to control, monitor, and analyze a propelled sled
 - o Develop custom REST API client (**C#**) for internal server tool improving communication by 8 hours

Built By Friday - Founder - (builtbyfriday.com)

Jan 2021 - Present | CA

- Create artificial intelligence agency that provides automation, development, and consulting for businesses
- Provide tech solutions through software development and consulting (website design, custom software, architecture design, data analytics, and blockchain)
- Compose and close multiple 4 figure client contracts for one-time and recurring payment structures

SKILLS

- **Programming Languages/Frameworks** : Javascript, Typescript, React, Python, Java, Node + Express, Swift, Vue, Solidity, SQL, RAG
- **Certifications/Awards**: Docker Containerization, Blockchain Analytics, Northrop Grumman BRAVO Award (x3)
- **Verbal Languages**: English, Spanish, French, Yoruba, Arabic
- **Interests** : Soccer, Travel, Social Media

PROJECTS

Web Development

Electrolyte - Language Learning Platform for Athletes - (electrolyte.app)

Jan 2026 - Present | CA

- Construct full-stack application (**React Typescript, Node +Express, Tailwind, Render, Supabase**)
- Led go-to-market and sales outreach, securing rapid traction and monthly 3 figure revenue
- Integrate with Eleven Labs Text To Speech API, OpenAI API, and Resend Email API

Dably - Education Application - (dably.co)

Sept 2023 - Dec 2025 | CA

- Serve as CTO to architect a suite of business admin and user-facing applications (**React, FastAPI, and Supabase**).
- Design CI/CD pipeline for development and production instance deployments of 8 repositories with Railway
- Manage outsourced team of 5 engineers to meet deliverables to convert Figma to MVP
- Manage 4 figure budget for tech costs (frontend/backend/database hosting, domains, contractor/intern hiring)

HeemToken - Cryptocurrency - (heemtoken.com)

Dec 2021 - Feb 2022 | CA

- Construct smart contract (**Solidity**) to create a tradeable BEP-20 cryptocurrency token with initial \$150 market cap
- Manually test and deploy smart contract to Binance Blockchain using Truffle and Metamask to verify functionality
- Build token information website (**React**) with Netlify for web hosting and Github continuous deployment.

Mobile Development

Lemonpepper - Fitness Application - (app-store-link)

July 2024 - Present | CA

- Develop full stack iOS mobile application in Xcode featuring AI running coach (**SwiftUI, FastAPI, GPT4 LLM**)
- Leverage Apple HealthKit framework to integrate data with Apple Watch and Garmin devices

Too Fast Too Slow - Gaming Application - (apps.apple.com/us/app/too-fast-too-slow/id6471321976)

Nov 2023 - Present | CA

- Develop mobile application (**SwiftUI**) in Xcode with Game Center and In-Application Purchase integrations
- Execute beta testing on group of users and analyze feedback for upcoming versions
- Scale application to 350,000 impressions across 5 continents

EDUCATION

University of Illinois Urbana - Champaign (MS Management)

Aug 2024 - May 2026 | IL

- Cozad New Venture Challenge Commitment to Entrepreneurship Cash Prize Winner

George Mason University (BS Computer Science)

Aug 2016 - 2020 | VA

- Division 1 Athlete on Men's Soccer Team (30 hr /week)
- National Society of Black Engineers - Executive Board Senator