

PRINCE LARBI WIREKO

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PROFESSIONAL SUMMARY

Frontend Software Engineer with 3+ years of experience building responsive, scalable, and visually compelling web applications using React, Angular, and TypeScript. Proven record of reducing load times by 40%, boosting accessibility scores by 35%, and achieving 95% test coverage across production systems. Skilled in CI/CD (Netlify, Vercel, AWS Amplify), reusable component libraries, and design systems, consistently delivering pixel-perfect, user-friendly interfaces with animations and transitions that drive engagement. Strong collaborator with UI/UX teams, adept at debugging, troubleshooting, and optimizing applications for speed, scalability, and cross-browser compatibility.

CORE COMPETENCIES

Frontend Development: React.js, Angular, Next.js, Vue.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, TailwindCSS, SASS/SCSS, Styled Components, DaisyUI, ShadCN

State Management: Redux, NgRx, Context API

UI/UX & Documentation Responsive/adaptive design, accessibility (WCAG), reusable component libraries, animations & transitions, Figma, Adobe XD, Sketch, technical documentation (component guides, architecture diagrams, test plans)

Cloud & DevOps: AWS (Amplify, S3, Lambda, SES, CloudFormation), Netlify, Vercel, Docker, GitHub Actions, Jenkins, GitLab CI, Bamboo, Bitbucket, Terraform

Testing & Optimization: Jest, Cypress, React Testing Library, Lighthouse, Web Vitals, performance audits

Version Control: Git (GitHub, Bitbucket)

Collaboration & Processes: Agile/Scrum, JIRA, code reviews, mentorship, stakeholder communication, cross-functional teamwork

Web APIs & Data Handling: REST API, GraphQL, JSON, AJAX, i18n, localStorage, session persistence

Soft Skills: Analytical problem-solving, clear communication, adaptability, teamwork

PROFESSIONAL EXPERIENCE

Freelance

May 2023 – Present

Frontend Software Engineer

Remote, Ghana

- Built healthcare and restaurant apps with React, Angular, Next.js, TailwindCSS, improving accessibility and performance by 30%.
- Developed Node.js + REST/GraphQL backends, reducing booking errors by 50%.
- Implemented GitHub Actions, Netlify, Vercel CI/CD pipelines, cutting deployment time by 70% with zero downtime.
- Leveraged Redux, Context API, reducing re-rendering by 25% and boosting retention by 30%.
- Partnered with designers using Figma, Adobe XD, Sketch, delivering pixel-perfect interfaces and improving task completion rates by 40%.
- Applied WCAG standards, integrated Jest, Cypress, React Testing Library, achieving 95% test coverage and reducing bugs by 40%.
- Automated AWS Amplify + S3 workflows, securely handling 500+ monthly entries.
- Debugged and resolved front-end issues, reducing production defects by 40%.

- Ensured cross-browser compatibility across Chrome, Firefox, Safari, and Edge.
- Implemented animations and transitions, enhancing user engagement and interactivity.

Cognifyz Technologies

August 2022 – November 2022

Web Developer Intern (Remote)

India

- Delivered 5+ React/Next.js interfaces with TailwindCSS, Styled Components, DaisyUI, reducing page load time from 3.5s → 2.1s.
- Applied Lighthouse/Web Vitals audits, improving performance scores by 25%.
- Built modular, reusable components and contributed to design systems, improving scalability and reducing duplication.
- Introduced Jest + Cypress workflows, reducing regression bugs by 30%.
- Collaborated in Agile/Scrum teams using JIRA, ensuring timely delivery and clean code through peer reviews.

GlobalShala

May 2022 – June 2022

Cybersecurity Analyst Intern (Remote)

India

- Built secure VM environments with custom tooling, reducing vulnerability findings by 40%.
- Delivered 5 security recommendations, with 3 implemented, improving resilience.
- Applied Python scripts for automated security checks, cutting manual review time by 50%.
- Partnered with DevOps teams to ensure secure deployments across AWS/Linux environments.

PROJECT EXPERIENCE(LINK)

Doctor Booking React + Angular App: [Repository](#)

November 2025

- Reduced booking errors by 25% through Redux + TypeScript integration.
- Applied WCAG accessibility standards and automated testing with Jest + Cypress.
- Implemented animations and transitions for smoother booking flows, enhancing user engagement.

AWS Serverless Contact Form: [Repository](#)

October 2025

- Automated Amplify + Lambda + SES workflows, cutting setup time by 90%.
- Ensured secure handling of 500+ monthly entries with AWS S3 storage.
- Contributed reusable components to open-source form libraries, improving accessibility and scalability.

Shopping Cart SPA (Next.js + React):

September 2025

- Achieved 100% cross-browser compatibility, implemented Redux, DaisyUI, Styled Components and added interactive animations for product transitions.

Real- Time Chat App: [Repository](#)

April 2024

- Supported 200+ concurrent users with <200ms latency using GraphQL + i18n.
- Built reusable chat components integrated into a design system for scalability.

EDUCATION & CERTIFICATIONS

• Quantic School of Business and Technology

Expected August 2026

Master of Science in Software Engineering (MSSE)

• Generation Ghana / Azubi Africa/ Amazon Web Services

May - September 2025

AWS Certified Solutions Architect – Associate (SAA-C03): ([Certified](#))

• Azubi Africa

November 2022 – October 2023

Frontend Development Certificate

• Kwame Nkrumah University of Science & Technology September 2011 – June 2015
BA, Industrial Art (Technical Specialization) with strong focus on technical systems and software engineering principles