

Chris Nwachukwu

Software Engineer

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Results-driven Software Engineer with over 4 years of experience building and shipping scalable full-stack web applications. Experienced with the TypeScript and Python ecosystems (React, Next.js, Node.js, FastAPI), delivering production-ready features from frontend to backend while improving system performance by up to 35%. Passionate about clean architecture, reliable software, and solving real customer problems.

EXPERIENCE

Apexbyte

September 2024 – January 2025

Frontend Developer

- Built and maintained production-ready React and TypeScript applications used by real users.
- Collaborated with designers and backend engineers to deliver responsive, high-quality product features.
- Optimized application product pages by implementing lazy loading for images, improving page load performance by approximately 35%.
- Participated in debugging, code reviews, and frontend performance improvements to maintain application quality and reliability.

Flip To Tech

August 2023 – September 2023

Frontend Developer

- Built responsive web interfaces using React, TypeScript, and Tailwind CSS.
- Worked closely with the engineering team to integrate frontend features with backend APIs.
- Improved application maintainability through reusable component architecture and modern frontend practices.

Flip To Tech

March 2023 – August 2023

Junior Developer

- Assisted in building and maintaining web applications while collaborating with senior engineers.
- Debugged production issues, implemented new features, and contributed to code reviews.
- Mentored over 100 aspiring developers in HTML, CSS, JavaScript, and modern frontend development practices.

EDUCATION

General Certificate of Secondary Education (Science)

2022

Chosen International Secondary School

SKILLS

TypeScript	React.js	Next.js	Tailwind CSS	Node.js	Express	PostgreSQL	Prisma	Python	
FastAPI	SQLAlchemy	Docker	Better Auth	Git	GitHub	Cloudflare R2	Resend	HTML5	CSS3
JavaScript	Team Leadership	Problem Solving	Agile Methodology						

PROJECTS

Career Compass

Designed REST APIs and PostgreSQL database models using Node.js, Express, and Prisma.
Built a responsive React frontend with multi-step assessments, authentication, and personalized dashboards.
Integrated AI-powered career recommendations using the RIASEC model.
Diagnosed and resolved production deployment issues, ensuring reliable application performance.
TypeScript, React, React Router, Tailwind CSS, Node.js, Express, PostgreSQL, Prisma, OpenAI API

Vehicle License Plate Recognition System

Designed secure REST APIs with FastAPI, PostgreSQL, and SQLAlchemy, implementing JWT authentication and RBAC.
Developed and optimized an AI recognition pipeline using YOLO, OpenCV, and EasyOCR, improving OCR response time by 20%.
Built responsive React and TypeScript interfaces, improving page load performance by 35% using TanStack Query for server state caching.
Designed a modular architecture and resolved recognition accuracy issues through iterative testing.
Python, FastAPI, SQLAlchemy, PostgreSQL, TypeScript, React, React Router, Tailwind CSS, TanStack Query, YOLO, OpenCV, EasyOCR

Coin Global

Developed responsive user interfaces using Next.js and React for cryptocurrency tracking.
Integrated real-time market data through external APIs and designed secure authentication models.
Built reusable components and interactive financial dashboards using Recharts.
Next.js, React, TypeScript, Tailwind CSS, Prisma, PostgreSQL, Better Auth, Recharts, CoinGecko API, Cloudflare R2

CERTIFICATIONS

Front-End Development

IBM • July 2025

Nomba Developer Certification

NOMBA • July 2026

ACTIVITIES

- Mentoring tech newcomers on web development fundamentals and career transition