

# TIMOTHEE D. TCHOUAMOU

## Frontend Developer (React / Next.js)

Silver Spring, MD, USA | tim.tchouamou@gmail.com | +1 240 360 7191 | Portfolio: <https://porfolio-tim.vercel.app/>  
Linkedin: [www.linkedin.com/in/timothée-djoukep-tchouamou-13a633bb/](https://www.linkedin.com/in/timothée-djoukep-tchouamou-13a633bb/) | GitHub: <https://github.com/timtchouamou>

### PROFESSIONAL SUMMARY

Frontend Developer with 1+ year of professional experience building scalable, high-performance web applications using React, Next.js, and TypeScript. Proven ability to deliver measurable impact through performance optimization, responsive UI design, and modern frontend architecture. Strong background in UI/UX, accessibility (WCAG), SEO, and real-time data-driven applications. Former Linux System Administrator with deep understanding of infrastructure, automation, and CI/CD pipelines.

### CORE SKILLS

**Frontend:** React, Next.js (App Router, Server Components), TypeScript, JavaScript (ES6+), HTML5, CSS3, TailwindCSS, Redux

**State & Data:** React Query, Zustand, Firebase, Supabase, REST APIs

**UI/UX & Performance:** Responsive Design principles, GSAP, Lottie, Web Performance Optimization, Accessibility (WCAG), SEO, Component libraries, State management libraries, Customer React Spectrum, MobX

**DevOps & Tools:** GitHub, Vercel, Docker, CI/CD, Linux (RHEL, CentOS), Ansible, Puppet

**Testing & Tooling:** React Testing Library, Vite, Figma, VS Code

### SOFT SKILLS

Strong problem-solving and debugging mindset / Clear communication with technical and non-technical stakeholders

Client-focused approach to understanding business requirements / Detail-oriented with a structured and organized workflow

Effective time management across multiple projects / Collaborative team player in Agile and remote environments

Adaptable and quick to learn new tools, frameworks, and plugins / Self-motivated with a strong sense of ownership and accountability

### PROFESSIONAL EXPERIENCE

#### Skinstric AI — Frontend Engineer

Remote | May 2025 – Present

- Architected a real-time AI skin analysis platform using Next.js and OpenAI Vision API, achieving 98% detection accuracy across diverse skin conditions.
- Developed responsive UI components with TailwindCSS, GSAP, and Lottie for a fashion e-commerce site, boosting user interactions by 60%.
- Optimized rendering and data flow using Next.js Server Components, reducing analysis processing time to under 2 seconds.
- Developed 10+ reusable React components for A/B testing, reducing layout rendering time by 30%.
- Streamlined diagnostics for 200+ users by building a custom image-processing pipeline using OpenAI Vision API (4D Mini model) for skin tone and texture analysis.
- Created GSAP timeline-based animation workflows for analysis flows, improving user engagement across 500+ users.

#### Frontend Simplified — Frontend Developer & Peer Mentor

Remote | November 2024 – May 2025

- Ranked in the top 5% of cohort performance and selected as peer mentor, providing code reviews and debugging support for 20+ developers.
- Achieved a 50% average reduction in application load times by leading frontend performance workshops for 30+ students.
- Created interactive tutorials on React architecture and TypeScript for 30 mentees, helping 21 implement type-safe applications.
- Conducted pair programming sessions for 20 students, resulting in 90% of projects meeting WCAG and SEO standards.
- Designed and shared a reusable ShadCN/UI component library for a team of 10+ developers, cutting development time by 40%.
- Instructed 30 students on CI/CD pipelines, leading to 85% successfully implementing automated deployments.

#### ABC Corporate Business Solution — Linux System Administrator

November 2020 – February 2024

- Managed 100+ RHEL, CentOS, and Solaris systems with automated Kickstart deployments, cutting deployment time by 30%.
- Executed system hardening and patching for 50+ servers, enhancing security and compliance across the network.
- Achieved 99.9% uptime managing enterprise storage for 1000+ users using LVM and Veritas Cluster Server.
- Automated configuration management and deployments with Ansible and Puppet, reducing manual operations by 40%.
- Enhanced Apache Tomcat performance on RHEL 9 for 50+ concurrent users; set up Samba for 10 developers to streamline file sharing.
- Built 10+ cron jobs and shell scripts for automating system monitoring and maintenance tasks on Linux.

### PROJECTS

#### Frontend Accelerator Platform

<https://summarist-tim.vercel.app/> <https://github.com/timtchouamou/summarist-tim>

Built a full-featured frontend application with authentication, subscription plans, media playback, and dynamic UI updates.

Implemented guest sign-in, personalized libraries, and responsive layouts using React, Firebase, and TailwindCSS.

#### Netflix Clone

<https://netflix-clone-ochre.vercel.app/> <https://github.com/timtchouamou/Netflix-clone.git>

Developed a responsive Netflix-style application with dynamic movie listings, category filtering, and polished UI.

Focused on performance optimization and reusable UI components.

## EDUCATION

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**FES Institute -- Frontend Development Certificate**

April 2020 – October 2020

**Bootcamp --Linux System Administration Certificate**

May 2024 – November 2024

**University of Yaoundé, Cameroon — B.S. Mathematics & Computer Science**

October 2007 – February 2013

## ADDITIONAL

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**Interests:** Cycling, Community Worship Team, Family Game Nights

**References:** Manish Manwani, email: [manish@fesinstitute.com](mailto:manish@fesinstitute.com)