# TIMOTHEE D. TCHOUAMOU
## Frontend Developer (React / Next.js)

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## 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
**State & Data:** React Query, Zustand, Firebase, Supabase, REST APIs
**UI/UX & Performance:** Responsive Design, GSAP, Lottie, Web Performance Optimization, Accessibility (WCAG), SEO
**DevOps & Tools:** GitHub, Vercel, Docker, CI/CD, Linux (RHEL, CentOS), Ansible, Puppet
**Testing & Tooling**: React Testing Library, Vite, Figma, VS Code

## 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.
- Built responsive, high-performance UI components with TailwindCSS, GSAP, and Lottie, increasing user engagement by 60%.
- Optimized rendering and data flow using Next.js Server Components, reducing analysis processing time to under 2 seconds.
- Designed modular, reusable component systems enabling rapid A/B testing and scalable recommendation layouts.
- Implemented a custom image-processing pipeline integrating OpenAI Vision API (4D Mini model) for enhanced skin tone and texture analysis.
- Created animation workflows with GSAP timelines, improving user retention by 40% during analysis flows.

**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.
- Led frontend performance workshops, helping students reduce application load times by an average of 50%
- Authored structured learning materials on React architecture and TypeScript, enabling 70% of mentees to implement type-safe applications.
-  Facilitated weekly pair programming sessions focused on accessibility (WCAG) and SEO, resulting in 90% compliance across student projects.
- Built and shared a reusable ShadCN/UI component library, reducing development time by 40%
- Guided students on CI/CD pipelines and deployment strategies, enabling 85% to implement automated deployments.

**ABC Corporate Business Solution — Linux System Administrator**           November 2020 – February 2024

- Installed and administered RHEL 7/8/9, CentOS, and Solaris systems using automated Kickstart deployments, improving consistency and deployment speed.
- Performed system hardening, patching, and version upgrades, strengthening security, stability, and compliance.
-  Managed enterprise storage solutions using LVM and Veritas Cluster Server, ensuring high availability and performance tuning.
- Automated configuration management and deployments with Ansible and Puppet, reducing manual operations by 40%.

## 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

**FES Institute -- Frontend Development Certificate**          |     **Bootcamp --Linux System Administration Certificate**
April 2020 – October 2020                                            May 2024 – November 2024

**University of Yaoundé, Cameroon — B.S. Mathematics & Computer Science**
October 2007 – February 2013

## ADDITIONAL

**Interests:** Cycling, Community Worship Team, Family Game Nights
**References**: Manish Manwani, email: manish@fesinstitute.com