

# TIMOTHEE D. TCHOUAMOU

## Frontend Developer

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Frontend Developer and Linux System Administrator with 1+ years of experience designing and implementing frontend and full-stack solutions. Proficient in React, TypeScript, Firebase, and RESTful APIs, with a strong foundation in modern JavaScript, responsive design, and application performance. Passionate about creating maintainable, scalable, and high-quality software.

## PROFESSIONAL EXPERIENCE

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**Skinstric AI** Remote | May 2025- to present

### Frontend Engineer

- 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 application performance with **Next.js Server Components**, reducing skin analysis processing time to **under 2 seconds**.
- Developed custom animation workflows using **GSAP timelines**, improving user retention by **40%** during analysis flows.
- Designed modular, reusable **TailwindCSS component libraries** to support rapid A/B testing and scalable skincare recommendation layouts.
- Implemented an efficient image processing pipeline integrating **OpenAI Vision API** with the **4D Mini model** for enhanced skin tone and texture analysis.

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**Frontend Simplified** Remote | November 2024 – May 2025

### Frontend Developer & Support Staff

- Selected as a **peer mentor** after ranking in the **top 5%** of cohort performance; provided debugging support and code reviews for **20+ students** on **React** and **Next.js** projects.
- Designed and delivered workshops on **frontend performance optimization**, helping students reduce portfolio project load times by an average of **50%**.
- Created structured learning materials on **React component architecture** and **TypeScript**, enabling **70%** of mentored students to implement **type-safe applications**.
- Led weekly **pair programming sessions** focused on **accessibility (WCAG)** and **SEO best practices**, resulting in **90%** compliance across student projects.
- Built and shared a **reusable component library** using **ShadCN/UI**, reducing development time by **40%** and improving code consistency.
- Facilitated study groups on **deployment strategies and CI/CD pipelines**, enabling **85%** of students to implement automated deployments for portfolio projects.

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**ABC Corporate Business Solution** November 2020 – Feb 2024

### Linux System Administrator

- Installed, configured, and integrated **RHEL 7/8/9**, **CentOS 7.4/8**, and **Solaris 10** servers into enterprise networks using standard installation and **kickstart automation**, improving deployment speed and consistency across the infrastructure.
- Performed **system hardening, patching, and version upgrades** on standalone and production Red Hat and Solaris servers, enhancing **system security, stability, and compliance**.
- Managed multiplatform storage using **LVM** and **Veritas Cluster Server**, including swap management, disk expansion, and performance tuning, ensuring **high availability and optimized system performance**.
- Automated configuration management and application deployments with **Ansible** and **Puppet**, reducing manual overhead by 40% and improving **operational efficiency and reliability**.

## Projects (personal)

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**Frontend accelerator**  <https://summarist-tim.vercel.app/> |  Code: <https://github.com/timtchouamou/summarist-tim.git>

- A robust website that implements Frontend accelerator.
- Features include user creation and authentication, guest sign in, ability to read, or listen to a book. Ability to choose a plan to get access to many amazing books to read, ability to add book to your library, and dynamic page updates.

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

- Developed a responsive Netflix clone with dynamic movie listings, category sorting, and a polished user interface modeled after the real platform.

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, HTML, CSS, Bash/Shell Scripting

**Frameworks & Libraries:** React, Next.js, TailwindCSS, Firebase, Supabase, React Query, React Hook Form, Zustand

**DevOps & Linux Administration:** Linux (RHEL, CentOS, Solaris), Docker, Kubernetes, Ansible, Puppet, Apache Tomcat, Samba, LVM, Veritas Cluster Server (VCS), SELinux, Cron Jobs, System Hardening & Patching, CI/CD pipelines, Backup & Recovery

**Tools & Platforms:** GitHub, Vercel, Vite, Figma, VS Code, Stripe, React Testing Library, Kickstart, rsync, tar/gzip, VPN, Active Directory, DNS/DHCP

## EDUCATION

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**Frontend Simplified — Certificate**

*May 2024 – November 2024*

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**Linux System Administrator — Certificate**

*April 2020 – October 2020*

**University of Yaoundé - Cameroon — B.S. Mathematics and Computer Sciences**

*October 2007 – February 2013*

## Other

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**INTERESTS :** Cyclist, Worship Team, Family Game Nights,

**REFERENCES:** Available upon request.