TAWHID TALAL

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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Software engineer with a B.S. in Computer Science and hands-on experience shipping responsive, accessible, high-performance web applications with React, Next.js, TypeScript, and Node.js. Reduced page load times by 50%, built component libraries that cut development time by 40%, and integrated AI APIs (OpenAI Vision, Gemini) into production-style applications.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

Frontend: React, Next.js (App Router, Server Components), Tailwind CSS, shadcn/ui, GSAP, Lottie, Responsive Design, WCAG Accessibility, Technical SEO

Backend & Databases: Node.js, Express.js, Django, Django REST Framework, RESTful APIs, Firebase Authentication, Cloud Firestore, PostgreSQL, MySQL

DevOps & Tools: Git, GitHub, GitHub Actions (CI/CD), Docker, Docker Compose, Nginx, Vite, Vercel, Linux

EXPERIENCE

Skinstric AI (Remote) September 2026 – November 2026

Frontend Developer

- Architected a real-time skin analysis platform with Next.js Server Components, OpenAI Vision API, and Lottie, achieving sub-2-second processing and 98% detection accuracy.
- Built responsive interfaces and custom GSAP animations with Tailwind CSS, increasing user retention by 40% and recommendation engagement by 60%.
- Established a modular Tailwind CSS component library that eliminated styling duplication and accelerated A/B testing of recommendation layouts.

Frontend Simplified (Remote) January 2026 – August 2026

Frontend Developer & Technical Mentor

- Selected as a top 5% performer to mentor 20+ junior developers; led code reviews and performance workshops that cut portfolio load times by 50% on average.
- Engineered a reusable shadcn/ui component library, reducing student application development time by 40%.
- Authored TypeScript architecture guides and led weekly pair-programming on accessibility and SEO; 90% of mentees achieved WCAG compliance and 70% shipped type-safe applications.

Independent Contractor (Remote) December 2025 – Present

AI Software & Frontend Code Evaluator

- Audited AI-generated JavaScript, React, and Python code for correctness, edge-case handling, and logic, reducing model hallucinations across production benchmarks.

PROJECTS

AI Trivia | Live Demo

- Built a full-stack generative quiz app with Express.js REST endpoints integrating the Gemini API, delivering personalized trivia and image challenges with asynchronous state management and error boundaries.

Summarist | Live Demo

- Developed a type-safe book summary platform with RESTful book APIs, modular navigation, Firebase Authentication, and persistent user libraries; deployed on Vercel with zero downtime.

Moviepidia | Live Demo

- Built a responsive React single-page app with client-side routing, real-time title search, skeleton loading states, and personalized watchlists stored in Cloud Firestore.

EDUCATION

University of Maryland Global Campus | *B.S. in Computer Science*

Montgomery Village, MD

Prime Asia University | *Transferred to UMGC*

Dhaka, Bangladesh | Undergraduate coursework in Computer Science & Engineering