DIP KUNWAR

Full-Stack Software Developer • BSc.IT (University of Sunderland)

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PROFESSIONAL SUMMARY

Passionate and results-driven Full-Stack Developer and BSc.IT student at ISMT College (affiliated with University of Sunderland, UK). Proven experience architecting complex web applications, real-time streaming platforms, and interactive 3D WebGL experiences using Next.js, React, TypeScript, and modern backend APIs. Dedicated to clean code standards, performance optimization, and user-friendly digital product design.

TECHNICAL SKILLS

Languages:	JavaScript (ES6+), TypeScript, HTML5, CSS3, Python, SQL, C/C++
Frontend & UI:	React.js, Next.js (App Router), Tailwind CSS, Three.js, WebGL, Framer Motion, Lucide Icons
Backend & APIs:	Node.js, Express.js, RESTful APIs, WebSockets, Supabase / PostgreSQL
DevOps & Tools:	Git, GitHub, Vercel, Cloudflare DNS, Linux (Bash), Turbopack, Postman, Vite

FEATURED PROJECTS

PadHUB F1 - Formula 1 Hub & Live Telemetry — https://padhub3.vercel.app

Technologies: Next.js, TypeScript, Tailwind CSS, F1 Live Telemetry API

- Engineered an all-in-one Formula 1 platform providing real-time race telemetry, grand prix schedules, and constructors rankings.
- Integrated external racing APIs with responsive, high-performance UI components built with Next.js and Tailwind CSS.
- Developed dynamic driver comparison statistics, interactive circuit telemetry maps, and live timing dashboards.

StreamVerse - Cinema & Video Streaming Platform — https://streamverse-coral.vercel.app

Technologies: React, Next.js, Video.js, TMDB API, Tailwind CSS

- Built a comprehensive video streaming platform with high-quality movie discovery, live trailers, and custom watchlists.
- Integrated TMDB REST APIs for trending entertainment feeds, multi-genre filtering, and dynamic search indexing.
- Optimized video streaming player states using Video.js and user-made playback controls with responsive design.

PitchHub - Live Football Match Streaming & Tracker — https://pitchhub-omega.vercel.app

Technologies: Next.js, WebSockets, Live Sports API, Tailwind CSS

- Created a real-time football match tracker featuring live score updates, match fixtures, and interactive pitch tactics.
- Implemented low-latency stream embedding and WebSocket state updates for live match events and team lineups.

Interactive 3D WebGL Portfolio — https://dipkunwar.com.np

Technologies: Next.js 16, Three.js, WebGL Shaders, TypeScript, Tailwind CSS

- Created and coded a high-performance personal portfolio with Three.js 3D canvas background shaders and 3D parallax tilt.
- Designed interactive terminal modal with custom CLI commands, Easter eggs, and verified Web3Forms contact delivery.
- Configured complete production SEO, automated sitemap.xml, robots.txt, and Open Graph social sharing preview cards.

EDUCATION

BSc. (Hons) Computing / Information Technology (BSc.IT) — 2024 - Present

ISMT College • Affiliated with University of Sunderland, UK

Key Coursework: Software Engineering, Web Technologies, Database Systems, Computer Networks & Architecture.