

SAHIL LANGOO

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TECHNICAL SUMMARY

Full Stack Systems Engineer specializing in high-throughput web systems, distributed edge proxies, and end-to-end type safety. Proven track record architecting resilient Cloudflare Worker proxies (Hono, Meta CAPI, Turnstile), Next.js applications, and automated build-time verification pipelines.

TECHNICAL SKILLS

Languages & Scripting: TypeScript, JavaScript, Go, Python, SQL, PHP, HTML5 / CSS3
Frameworks & UI: Next.js, React, Astro, Hono, Node.js, Symfony, Tailwind CSS, daisyUI, Drizzle ORM
Cloud & DevOps: Cloudflare Pages & Workers, Cloudflare R2 & KV, Cloudflare Turnstile, Vercel, Docker, REST / GraphQL
Databases & Tools: MySQL, PostgreSQL, SQLite / D1, Redis, Git & GitHub CLI, Playwright, Sentry Telemetry, Zod, Wrangler

PROFESSIONAL EXPERIENCE

Eresolution Consultancy Services

Remote

Systems & Backend Integration Engineer

Apr 2025 - Present

- Architected distributed Hono API gateways on Cloudflare Workers for Experian credit OTP proxies and Meta CAPI server-side dispatching, maintaining 99.99% uptime and sub-100ms p99 execution latency.
- Remediated production exception bottlenecks across 90-day intervals via Sentry telemetry, eliminating client-side race conditions and increasing checkout transaction success rate by 14%.
- Authored automated Playwright E2E regression suites with CI build triggers across Vercel and Cloudflare, reducing deployment cycle times by 35% while enforcing strict npm lockfile supply-chain integrity.

Taffin.Tech

Remote, Srinagar

Full Stack Developer

Apr 2024 - Aug 2025

- Architected full-stack AI candidate-matching pipelines and job board platform for a French recruitment startup, driving a 25% lift in user engagement while enforcing EU GDPR privacy compliance.
- Engineered responsive client interfaces with Tailwind CSS, React, and Twig integrated into a Symfony backend, slashing initial page load times by 40% across mobile devices.
- Automated dynamic SEO indexing pipelines and structured JSON-LD schema generation in Symfony, lifting organic search discovery by 30%.

SquadCoders

Kashmir, India

Freelance Software Engineer

Dec 2023 - Mar 2024

- Engineered static-first web architectures with Astro, TypeScript, and Cloudflare Pages, establishing sub-50ms global TTFB and zero Cumulative Layout Shift (0.00 CLS) across client systems.
- Refactored production platforms including SoulMedia, Hotel Akbar, and TravelKit, reducing bundle payloads by 65% and attaining 100/100 Lighthouse performance benchmarks through zero-JS baselines.
- Delivered 10+ high-performance commercial websites with localized edge caching, achieving an average page-load improvement of 30% and a 15% conversion lift.
- Automated custom build-time verification hooks in Node.js, eliminating broken links and asset discrepancies prior to static deployment.

Elance Technologies

Srinagar, Kashmir

Full Stack Industrial Trainee

Jan 2023 - Jun 2023

- Mastered full-stack web engineering fundamentals across a 6-month intensive curriculum in PHP, JavaScript, MySQL/MariaDB, and responsive HTML5/CSS3.
- Re-engineered accessible grid layouts and touch-first interactions across client platforms, driving a 40% increase in mobile user engagement.

TECHNICAL PROJECTS

EduCore SaaS / Next.js, React, Drizzle ORM, MySQL, Better Auth, Razorpay (github:school_management) 2024

- Architected Next.js App Router multi-tenant SaaS with Drizzle ORM and MySQL, modeling student lifecycles, automated fee ledgers, and role-based access controls (RBAC).
- Engineered webhook-verified Razorpay payment pipeline with automated PDF invoice dispatching via pdfmake, eliminating billing discrepancies across 500+ active students.

HackerForce Storefront / Astro, TypeScript, Tailwind CSS, Pagefind WASM (github:hackforce-storefront) 2024

- Architected zero-server static cybersecurity platform with Astro and Tailwind CSS, achieving sub-300ms LCP and zero client-side JavaScript overhead.
- Engineered in-browser full-text search via WebAssembly with Pagefind, indexing hundreds of MDX curricula files with sub-15ms client query execution.

TAFFin.Tech Marketplace / React, Symfony, Redux Toolkit, TanStack Query, Tailwind CSS (taffin.tech) 2024

- Constructed hybrid React SPA and Symfony recruitment marketplace featuring Redux state management, bilingual Linguistic (EN/FR), and GDPR-compliant candidate ingestion.
- Optimized high-density candidate search filters and application funnels with TanStack Query, achieving sub-100ms client-side state transitions.

XpressSys Logistics / Cloudflare Pages, Node.js, JavaScript, Cloudflare WAF (xpresssys.com) 2023

- Engineered logistics dispatch platform with automated consignment tracking, delivery pin-code routing, and Cloudflare edge proxying.
- Hardened edge security perimeter via Cloudflare WAF and custom IP rate-limiting rules, eliminating 99% of automated bot and spam requests.

EDUCATION

University of Kashmir (North Campus) Baramulla, Kashmir, India

Bachelor of Technology in Computer Science Engineering (CGPA: 7.07) 2021 - 2023

- **Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Cloud Computing, Software Engineering, Web Technologies.

Kashmir Govt Polytechnic Srinagar, Kashmir, India

Diploma in Computer Science Engineering (CGPA: 6.22) 2016 - 2019

CERTIFICATIONS

- **Meta Front-End Developer Professional Certificate** (Meta / Coursera)
 - **Ecommerce Platform Architecture Masterclass** (Scaler)
 - **Full Stack Web Development & Architecture (Zero To Mastery (ZTM))**
- **Complete Next.js Developer (Frontend Masters)**
 - **Crash Course in Python (Google / Coursera)**