

Muhammad Suleman Ali Asif

Full-Stack Software Engineer · Lahore, Pakistan (UTC+5) · Open to remote

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SUMMARY

Full-stack software engineer with two years of shipping production SaaS end to end, from database schemas and background workers to React and Next.js interfaces, browser extensions and deploys. Built and launched Verid, a web change-detection API, as a personal product. At Jfreaks, maintain a paid commodity price API and build core features for two AI writing products. TypeScript, React, Next.js, Node.js, Go.

EXPERIENCE

Verid (verid.dev), Creator · Personal product May 2026 – Present

- Designed, built and launched a developer API that monitors web pages and sends webhooks when content changes, with 6 extraction methods (CSS, XPath, JSONPath, regex, full page, LLM-to-JSON) and 9 rule types for defining what counts as a change.
- Engineered a fetching layer that automatically escalates from plain HTTP to headless Chromium to residential proxies when a page renders empty, so JavaScript-heavy and bot-protected sites can still be monitored.
- Wrote a Postgres-backed scheduler (SKIP LOCKED) that lets multiple workers process checks in parallel without running a monitor twice, plus signed webhook delivery with retries and one-click replay.
- Shipped the full product surface: Next.js dashboard, a public playground running on the production pipeline, a Node SDK, OpenAPI 3.1 docs, and a 5-tier pricing model. Launched publicly through Show HN.

Jfreaks Software Solutions, Full-Stack Engineer Lahore · Jul 2024 – Present

Commodity Price API (commoditypriceapi.com), paid REST API for commodity prices Sep 2024 – Present

- Took over the codebase as primary maintainer of the API, Next.js customer dashboard, marketing site and free tools site; expanded coverage with 100+ symbols from official sources (EIA, USDA, ENTSO-E).
- Cut average API response time from 2–3 s to 150–300 ms by redesigning the price pipeline to push fresh rates into an in-memory cache every minute, with MongoDB as fallback.
- Redesigned the MongoDB schema for price data so each source is stored at its native interval instead of duplicated for every resolution, which sets up intraday price queries.
- Shipped Stripe subscriptions, free trials and usage metering; published the official MCP server so AI agents can query live prices.

TweetStorm.ai, AI writing and scheduling for X Aug 2024 – Present

- Built the thread scheduler and its publish worker end to end: per-account posting slots and time zones, media uploads, and retries that resume a failed thread where it stopped instead of posting duplicates.
- Developed the bookmark manager solo, from the REST API to the React UI (folders, tags, smart folders, infinite scroll, X backup sync), plus its Chrome and Firefox extensions.
- Led the migration from Prisma queries to Knex and owned Stripe subscription billing, including Alipay.

Netus.ai, AI writing platform Jul 2025 – Mar 2026

- Rebuilt Stripe and Creem billing around webhooks with a database-driven plans table, and launched pay-as-you-go credit packs with a React purchase flow.
- Opened a dozen tools to anonymous visitors under daily quotas, backed by a Redis rate limiter.
- Led the Astro marketing site with interactive React tool pages, moved the blog from WordPress to Ghost, and wrote Go services for the newsletter and video downloads.

Apexion, Backend Developer Intern Remote · Jun 2023 – Aug 2023

- Refactored Node.js services and REST endpoints to improve query handling and memory use, working in an agile team with CI/CD.

SKILLS

Languages	TypeScript, JavaScript, Go, SQL
Frontend	React, Next.js, Astro, Tailwind CSS, Chrome and Firefox extensions
Backend	Node.js, Express, BullMQ, REST, OpenAPI
Data	PostgreSQL, MySQL, MongoDB, Redis
Infrastructure	Docker, Kubernetes, GitHub Actions, nginx, Linux
Integrations	Stripe, OAuth 2.0, X API, OpenAI, Anthropic

EDUCATION

Air University, Islamabad	2020 – 2024
BS Software Engineering	