

Sian Malik

+92 302-0010-923 | sianalimalik2418@gmail.com | LinkedIn

SUMMARY

Software engineer who builds full-stack applications with JavaScript, TypeScript, React, and Next.js, backed by Node.js, Express, MongoDB, and Postgres. Focused on writing clean, maintainable code and delivering products that scale.

TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, React.js, Next.js, TanStack Start

Backend: Node.js, Express, MongoDB, PostgreSQL, Drizzle, Prisma

Libraries & Tools: React Hook Form, Zod, Shadcn UI, TanStack Query, Tailwind CSS, Framer Motion

WORK EXPERIENCE

Whitebox

Dec. 2024 – Present

Software Engineer · On-site

Lahore, Pakistan

- Built and shipped **10+ full-stack client projects** and 2 internal tools using React.js, Next.js, TypeScript, Node.js, and Express, working both solo and as part of small teams
- Owned projects end to end **from architecture to deployment**, deploying and maintaining applications on **AWS EC2 and DigitalOcean**
- Integrated **third-party APIs** from TikTok, Google, Meta, Shopify, Walmart, and Amazon to power analytics and reporting features across client products
- Implemented **Stripe payment flows** and secure authentication using JWT and OAuth, building reliable REST APIs to connect frontend and backend
- Built an **internal operations tool** that automated attendance tracking and reporting workflows, reducing manual coordination for HR and management teams

PROJECTS

Attendance Management System – Full HR Suite

- Tech Stack:** Vite, TypeScript, Express, MongoDB
- Built a full HR platform with separate **admin and employee portals** covering attendance, leaves, work-from-home, hybrid scheduling, working hours, events, posts, documents, and employee management
- Designed **role-based access control** to separate admin and employee permissions across the system
- Implemented complex **scheduling and time-tracking logic** to handle hybrid work, working hours, and leave calculations
- Started as sole developer on frontend and backend, then **onboarded and mentored two junior backend developers**, leading their work to delivery

Pinzak – AI Performance Marketing Platform [\[Live\]](#)

- Tech Stack:** Next.js, TypeScript, Express, PostgreSQL, Prisma
- Built both the **marketing website and the client dashboard** for a performance marketing platform end to end
- Integrated **third-party APIs** from Google, Meta, and TikTok to pull campaign and analytics data into a unified dashboard
- Developed data visualizations and reporting views to surface campaign performance metrics for clients

Neuro – Daily Word-Guessing Game [\[Live\]](#)

- Tech Stack:** TanStack Start, React, Vite, Cloudflare Workers, R2, Tailwind CSS
- Built a Semantle-style daily word game using **GloVe word embeddings** to score guesses by semantic similarity
- Designed an **offline preprocessing pipeline** (Python) to precompute static score files, keeping the live game fast and fully client-side
- Served puzzle data from **Cloudflare R2** and ran a lightweight **Workers** backend, with game state persisted in localStorage

EDUCATION

NCBA&E University

Bachelor of Science in Computer Science (4th Year, In Progress) · CGPA: 3.80 / 4.0

Lahore, Pakistan