

# Sudais

I'm a full-stack engineer passionate about building intelligent, scalable, and user-centric products. I enjoy bridging modern web technologies with emerging AI systems, from LLM-powered workflows to real-world platforms that create meaningful impact

[✉️](mailto:sudaisyasin@gmail.com) sudaisyasin@gmail.com | [SudaisX](#) | [sudaisyasin](#) | [sudaix.github.io](#) | [+966566872610](#)

## About Me

Programming	TypeScript · Python · C# · Go
Client-side Frameworks	Next.js · React · Angular · TailwindCSS · React Native
Server-side Frameworks	Node.js · Express · NestJS · FastAPI · .Net
AI / LLMs	OpenAI · LangChain · RAG · Vector Databases · Embeddings
Databases	PostgresSQL · MongoDB · Supabase
Cloud & Tools	AWS · Azure · Docker · GitHub Actions · Vercel · Git · Bash
Design & Process	Figma · Canva · Design Thinking · Agile

## Experience

### ValueLink - Omni @ SpurSol

USA/PK

June 25' - Current

Software Engineer @ ValueLink - Omni

- Leading AI adoption and integration initiatives for VL-Omni Platform.
- Worked on Containerization of services to streamline deployment and scalability.
- Contributing to new feature development and system enhancements to improve appraisal workflows.

### Mubara

Global

April 25' - Current

Founder

- Building a platform for players to book venues, find matches and events, and connect with others.
- Helping sports venues and organizations streamline scheduling, operations, and engagement.

### Jojee

Remote

Founder / Software Engineer

- Built and launched end-to-end digital solutions for startups and organizations, focusing on intuitive user experiences and real-world impact.

### Motive (formerly KeepTruckin)

Remote, PK

June 23' - Sep 23'

Software Engineer Intern

- Optimized Caching with Service Workers and improved its performance by a factor of 16x
- Enhanced and built features across two frontend teams

### ProCheck

PK

June 22' - Sep 22'

Software Engineer Intern

## Projects

### FYP - Assistive X: Eye Tracking based Assistant for ALS Patients

Karachi, PK

Fall 23' - Spring 24'

- MERN, WebGazer for eye-tracking
- An innovative project focused on enhancing communication and control for ALS patients through eye-tracking technology. This project aims to address communication barriers specific to ALS patients in Pakistan by integrating eye-gaze tracking, and a visual speech board tailored for Roman Urdu—a widely-used script in the region.
  - Paper: [26th CCIS EANN / EAAI 2025 Springer](#)

### Full Stack Applications

GitHub Link

PERN Stack (PostgreSQL, Express.js, React, Node.js) | Sentiment Analysis with FastAPI Python | React Native for Mobile Application

- HUGRAM: A Social Media application built for Habib University Students with real time sentiment analysis on posts
- Dukaan: A modern eCommerce designed for seamless shopping experiences and efficient management.

## Education

### Habib University

Karachi, PK

Fall 20' - Spring 24'

BSc. Computer Science

- Teaching Assistant for i) Software Engineering & ii) Data Structures and Algorithms
- Invent for the Planet 2022 (Texas A&M University) - Runner Ups
- ACM Chapter - Executive Counsil
- Wujood (Staff Literacy Program) - Volunteer Teacher

### Hala International School

Jeddah, SA

June 2020

High School - GCE A Level