





# 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

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## 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	PostgreSQL · MongoDB · Supabase
Cloud & Tools	AWS · Azure · Docker · GitHub Actions · Vercel · Git · Bash
Design & Process	Figma · Canva · Design Thinking · Agile

## Experience

### ValueLink - Omni @ SpurSol

Software Engineer @ ValueLink - Omni

[USA / PK](#)

June 25' - Current

- 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

Founder

[Global](#)

April 25' - Current

- 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

Founder / Software Engineer

[Remote](#)

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

### Motive (formerly KeepTruckin)

Software Engineer Intern

[Remote, PK](#)

June 23' - Sep 23'

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

### ProCheck

Software Engineer Intern

[PK](#)

June 22' - Sep 22'

## Projects

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

MERN, WebGazer for eye-tracking

[Karachi, PK](#)

Fall 23' - Spring 24'

- 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:** [26<sup>th</sup> CCIS EANN / EAAAI 2025 Springer](#)

### Full Stack Applications

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

[GitHub Link](#)

- **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

BSc. Computer Science

[Karachi, PK](#)

Fall 20' - Spring 24'

- 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 Council
- Wujood (Staff Literacy Program) - Volunteer Teacher

### Hala International School

High School - GCE A Level

[Jeddah, SA](#)

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