

# Sudais

Full Stack Engineer

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## About Me

Programming	TypeScript/JavaScript · Python · C/C++ · Go
Client-side Frameworks	Next.js · React · Redux · Angular · TailwindCSS
Server-side Frameworks	Express · NestJS · Node.js · Flask · FastAPI
Machine Learning Libraries	Scikit-learn · Pandas · Numpy
Databases	MongoDB/Mongoose · PostgreSQL
Cloud	AWS
Tools	Git · Postman · Bash · LaTeX
Design	Figma · Canva
Soft Skills	Design Thinking · Entrepreneurship · Agile · Infinite Mindset

## Experience

### Jojee

Software Engineer

- Delivered innovative SaaS and mobile solutions with a focus on scalability and user experience.

Remote, PK

Current

### Motive (formerly KeepTruckin)

Software Engineer Intern

- Optimized Caching with Service Workers and improved its performance by a factor of 16x
- Improved and implemented new features across 2 Frontend Teams

Remote, PK

June 23' - Sep 23'

### Digitaro

Software Engineer

- Implemented a health tourism portal for an international client using Next.js, Express, Node.js, and MongoDB.

Remote, USA

Oct 22' - May 23'

### ProCheck

Software Development Intern

- Implemented design and functional changes in the ProCheck dashboard in collaboration with the Product Manager and lead Software Engineer.

Remote, PK

June - Sep, 22

## Projects

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

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.

Karachi, PK

Fall 23' - Spring 24'

### HU-Gram (Social Media App)

PERN Stack (PostgreSQL, Express.js, React, Node.js) & Sentiment Analysis with FastAPI Python

- A Social Media application built for Habib University Students. Students can sign up and then create their student profile, post images/text, react and comment on a post. Posts are processed using a sentiment analysis algorithm.

[GitHub Link](#)

### eCommerce Web and Mobile App

PERN Stack (PostgreSQL, Express.js, React, Node.js) with Next.js for Web App - React Native for Mobile App

- A modern eCommerce platform built with the PERN stack and Next.js for the web and React Native for mobile, designed for seamless shopping experiences and efficient management.

[GitHub Link](#)

## Education

### Habib University

BSc. Computer Science

- Teaching Assistant for Software Engineering and 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

Karachi, PK

Fall 20' - Spring 24'

### Hala International School

High School - GCE A Level

Jeddah, SA

June 2020