

# Sudais

Full Stack Engineer

✉ sudaisyasin@gmail.com | 🌐 SudaisX | 🔗 sudaisyasin | 🏠 [sudaix.github.io](https://sudaix.github.io) | ☎ +92 3312212300

## About Me

Programming	TypeScript · JavaScript · Python · C/C++ · Java · HTML/CSS
Client-side Frameworks	Next.js · React · Redux · Bootstrap · TailwindCSS · Angular
Server-side Frameworks	Express · Node.js · FastAPI
Databases	MongoDB/Mongoose · MSSQL · PostgreSQL
Tools	Git · JIRA · VSCode · Postman · Bash · LaTeX · Jupyter Notebook
Design	Figma · Canva
Languages	English · Urdu

## Experience

### Motive (formerly KeepTruckin)

[Remote, PK](#)

Software Engineer Intern

June 23' - Sep 23'

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

### Digitaro

[Remote, USA](#)

Software Engineer

Oct 22' - May 23'

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

### ProCheck

[Remote, PK](#)

Software Development Intern

June - Sep, 22

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

## Projects

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

[Karachi, PK](#)

React, WebGazer

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.

### HU-Gram (Social Media App)

[GitHub Link](#)

MERN (MongoDB, Express, React, Node.js, Redux) & 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.

### eCommerce Web and Mobile App

[GitHub Link](#)

MERN for Web App - React Native for Mobile App

- An eCommerce Application where Customers are able to register, place orders, view orders and admins are able to perform CRUD operation to products, users and orders.

## Competitions

### Invent for the Planet 2022

[TAMU x HU](#)

First Runner Ups

Feb 18 - 20, 2022

- A 48 hours design intensive competition where me and my team proposed and built a prototype IoT based Centralized Monitoring System with web-based info dashboard catering to all aquacultures entities present in the region via providing information services.

## Education

### Habib University

BSc. Computer Science

[Karachi, PK](#)

Fall 20' - Spring 24'

### Hala International School

High School - GCE A Level

[Jeddah, SA](#)

June 2020