Sudais

Full Stack Engineer

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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 · PostgresSQL
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'
- Worked as a freelance Software Engineer with cutting-edge technologies for rising startups internationally.

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

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.

React Projects *GitHub Link*
React, MERN, Material UI and other technologies used
- Contacts Keeper (MERN)   Expense Tracker (MERN)   IT Logger
  Covid-19 Dashboard   GitHub Finder   Ice Cream Order App   and more

Final Year Project

Assistive X: Eye Tracking based Assistant for ALS Patients *Karachi, PK*
Next.js, Django, OpenCV Fall 23' - Spring 24'
- An innovative project focused on enhancing communication and control for ALS (Amyotrophic Lateral Sclerosis) patients through advanced eye-tracking technology. This projects aims to address communication barriers specific to ALS patients in Pakistan by integrating eye-gaze tracking technology, predictive text algorithms, and a visual speech board, all tailored for Roman Urdu—a widely-used script in the region.

Education

Habib University *Karachi, PK*
BSc. Computer Science Fall 20' - Spring 24'

Hala International School *Jeddah, SA*
High School - GCE A Level June 2020