Abdullah Safwan
Software Engineer | Backend Dept.

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Software Engineer specializing in Backend development, with a proven track record of designing and implementing scalable, secure, and high-performance systems.

WORK EXPERIENCE

Software Engineer
Diya Interactive

09/2024 - Present

Achievements/Tasks
- Responsible for the development of a B2C application powered by Serverless Framework & NodeJS | TS | Prisma | MySQL

Associate Software Engineer
Diya Interactive

01/2023 - 08/2024

Achievements/Tasks
- Project on Python Django & AWS Stack.
- Built the backend of an audio streaming streaming application powered by NodeJS | TS | Prisma | AWS | AWS Media Services.
- Meetings with clients, presenting demos and POCs for projects.
- R&D to implement latest tech stack in projects.
- Hosted events, calls and demos.

Backend Intern
Diya Interactive

11/2022 - 01/2023

Achievements/Tasks
- Developed CRUD APIs using Django Rest Framework
- Live Video Streaming Architecture using RTMP & HLS

EDUCATION

B.E Computer Systems Engineering
DUET Karachi

11/2018 - 10/2022   *Karachi*

Courses
- Majored in Machine Learning

SKILLS

Node JS | Typescript | Backend Development

Python | Django | AWS

AWS Media Services | MySQL

Serverless Framework | FFmpeg | Unix CLI

Communication Skills

PERSONAL PROJECTS

FYP Students Performance Prediction using ML
- Grade Prediction of Students using a machine learning model trained on real-world data, using different algorithms like LR, SVM, Ensembles and MLPR

ERP & CRM for Repair Services Business
- Architected & built an MVC Pattern Node.js Application for Management of a GPU Repair Services Business. Automated the flow of a booking, queue management, assigning resources to booking and resolving the repair tasks.

PiHole DNS
- Deployed a DNS Sinkhole to filter unwanted content on a private network using RaspberryPi

ACHIEVEMENTS

Architected and designed the flow of a scalable media streaming application, leveraging AWS Media Services for real time processing & archiving (03/2023 - 01/2024)

Youtube SEO (12/2017 - 07/2019)
www.youtube.com/TrickyTorials

LANGUAGES

Urdu
Native or Bilingual Proficiency

English
Full Professional Proficiency

INTERESTS

Linux | eSports | Video Games | Cricket

FOSS