Abdullah Safwan

Software Engineer

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

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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.
- Collaborated with stakeholders to resolve business queries and align requirements with technical solutions.
- Provided technical mentorship to a junior backend engineer, fostering skill growth and improving team efficiency.

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.
- Shadowed senior developers to gain hands-on exposure to backend development best practices.

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

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.
- Blocked ~30% of total network traffic, improving network efficiency and reducing bandwidth usage.

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

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

English
Full Professional Proficiency

Urdu
Native or Bilingual Proficiency

INTERESTS

Linux eSports Video Games

Fiction Reading Movies