

# Shayan Jawed

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## PERSONAL SUMMARY

A technically sound technical software engineer with great zeal and enthusiasm of solving and learning new tech stacks and finding solution for development problems. A collaborative person valuing the principles of consultation. Exploring app and web development along with databases to provide efficient tech solutions.

## EDUCATION

### FAST UNIVERSITY

BACHELOR OF COMPUTER  
SCIENCE

August, 2019 - Present |  
Karachi, pk  
CGPA: 3.42

### DEHLI COLLEGE

Grad. 2019 | Karachi, Pakistan

## CERTIFICATES

2021 Deans List of honour

2022 Data manipulation with  
pandas(datacamp)

2022 Data cleaning with  
pandas

2022 Introduction to  
TensorFlow for Artificial  
Intelligence, Machine Learning,  
and Deep Learning

## SKILLS

### TOOLS/TECHSTACKS

- NodeJs • ExpressJs • ReactJS
- Flutter • SkLearn • Keras
- TensorFlow • OpenCV
- Django

### LANGUAGES

- c++ • dart • javascript
- python • shellsript • Java

### TOOLS

- GitHub • JIRA • Bit Bucket •
- Adobe-XD • Figma • VS code
- visual studio • Azure Devops
- Eclipse

## COURSEWORK

Data Science  
Artificial intelligence  
Database Systems  
Design, Defect and Refactoring  
DevOps  
Software Testing

## EXPERIENCE

### MMC GBL | INTERN (MERN STACK)

June 2022 - August 2022 | Karachi, Pakistan

- Developed Calendar and CRM modules of **Capitals** product using **React JS** and **redux-toolkit**.
- Solved the bugs reported by the SQA team on **JIRA** and maintained the project using **bitbucket**.

### FIVERR SOFTWARE ENGINEER FREELANCER

June 2020 – Present | Remote

- Worked and engineered multiple **front-end** and **back-end** solutions.
- Maintained 5\* rating on the platform

## PROJECTS

### FINAL YEAR PROJECT

**REAL TIME TRACKING USING FACE AND GAIT DETECTION** | FLUTTER  
, DJANGO , REACT NATIVE , TORCH REID, FACENET

- Combined two pre-trained Deep learning models on Django.
- Created user app for alerts using flutter and admin section using Django and police section app using react native.
- Applied Django's channels for opening web sockets and threading for optimizing the model and Django apps for breaking the panel into modules. Also used Django ORM for DB manipulations.

### ECOMMERCE WEBSITE REACT JS, TAILWIND, EXPRESS JS, MYSQL

Dec 2022

<https://github.com/Shayan3008/DDR-front-controller-pattern>

- Implemented **Front Controller Pattern** for loose coupling between components.
- Incorporated **Redux Store** in the project for state management

### OPTIMIZED SEARCH ENGINE | C++, VISUAL STUDIO

DEC 2020

- Conceived a highly optimised search engine on a data set of 1000 text files using tries and hash maps.

### MEDICINE UI | FLUTTER, DART

Sept 2021

<https://github.com/Shayan3008/doctorApp>

- Established 20+ screens for a client acquired through **freelancers.com**.

### END TO END ENCRYPTED CHAT APPLICATION | DJANGO, PYTHON, DEC 2022

[https://github.com/Shayan3008/django\\_IS](https://github.com/Shayan3008/django_IS)

- Created an end to end encrypted chat using django framework .
- Implemented audio sharing between clients using Web RTC.
- Worked on websockets opened using DJANGO **Channels** library and ASGI servers.