

# ALI GAUHAR

## FULL STACK DEVELOPER (MERN)

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Experienced in MERN development, fascinated by the possibilities in data science and machine learning. Dedicated to fostering innovation and continual personal and professional development.

## EDUCATION:

### Bachelor of Science in Computer Science (BSCS)

Bahria University – Karachi, Pakistan

CGPA: 3.85 / 4.0

August 2020 – June 2024

## WORK EXPERIENCE:

### FRONTEND WEB DEVELOPER

Dexters Web Lab – Karachi, Pakistan

August 2023 - Ongoing

- Made plugins, FedEx shipment rate calculation based on location and size using documentation, Dual checkout for half payment later, Pamphlet creation plugin of all the products present in the ecommerce website
- Did map integration, google analytics through API, create frontend of websites in HTML, CSS, JavaScript
- create WordPress designs with Elementor, used plugins to customized WordPress website, did speed optimization, utilized products data transfer from Website Builder to Wordpress, used different builders for creating website, integrated data from github to website live, integrated payment methods and EDX shipping
- Integrated google analytics, wrote PHP code for making backends and integrating maps and customization

### WEB DEVELOPER

Wayz Consulting – Karachi, Pakistan

May 2023 – July 2023

- PHP based ERP Development – first 2 months were as a trainee
- Developed Transaction websites, used abstract functions to develop the frontend and backend of the website
- Used SQL for data saving the transactions and other data, it was like Website Builders but we had to call abstract functions for enabling the functionality rather than drag and drop

## SKILLS:

### Backend:

NodeJs, ExpressJs, Flask, Laravel, Django

### Frontend Frameworks:

JavaScript, HTML, CSS, BootStrape, React.js

### Data Bases:

MongoDB, Microsoft Sql Server, PostgreSQL

### Additional Tools:

Git, Github Action, Docker, Linux, Firebase

## CERTIFICATIONS:

### MERN STACK web development 2024

Link: <https://www.udemy.com/certificate/UC-3bdfd1af-8db2-440b-a3c1-6c9dca7d3581/>

### IBM Data Science Specialization

Link: <https://www.coursera.org/account/accomplishments/specialization/7X4KKAGA7VK4>

## PROJECTS:

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### Quant Trading Bots – MERN + SERN + Firebase

- A project is based on a business idea of showcasing the Quant Trading bot strategies and history
- The website aims to show the historic success and profit made by the financial bots and attract user investment
- The user can buy portfolio management on his investment by paying some fees, payment integration is being done
- The user will have to open the forex or crypto account and give the API or credentials
- Through API account data will be sent to the software where bots are being running to copy the trades of bots

Link: <https://quant-trading-bots-mern-ft79>

Skills: NodeJS, ReactJS, ExpressJS, SQL, MongoDB, Firebase, API, Payment Method

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### Portfolio website: MERN

- A portfolio website containing my social accounts, projects and professional information
- A platform to know about me and connect to me

Link: <https://portfolio-website-mern-frnt125/>

Skills: NodeJS, ReactJS, ExpressJS, SQL, MongoDB, Firebase

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### AI Law Assistant – Django

- Laws Guidance website for user legal scenarios utilizing Large Language model (Bert).
- The feedback is taken from the user after prediction until the user didn't get the right answer
- Questions are saved in the yes or no columns against the laws that help in better prediction (reinforcement)
- Utilizing thread, it automatically retrains the model every 4<sup>th</sup> hour on new feedbacks making it more better
- This project aims to first launch among the Lawyers that make it learn through feedbacks and then to the public

Link: <http://54.151.2.29/chat.html>

Skills: Django, SQLite, Bert Model, HTML, CSS, JavaScript

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### DS Project Share – Flask

- Project aims to automate the data science regular tasks like EDA, Feature Extraction, Model Selection to save time
- Website has all the 4 steps of Data Science Automated to some extent which can be operated by just giving some answers about dataset user want to use and automatically do EDA, feature Engineering or Model Selection

Link: <https://dsprojecttempletshare.pythonanywhere.com/>

Skills: Flask, SQLAlchemy, HTML, CSS, JavaScript, Data Science Models (Tensorflow, Pytorch, Regression, knn, CV2, etc)

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### Expense Tracker – Laravel

- This project aims to help keep record of the user expenses to do money management
- User first make account in order to utilize the features, add his expenses and categories
- Can generate the monthly weekly and daily report category wise and also set the limit to monthly limit

Link: <https://expensetrackeragk.000webhostapp.com/>

Skills: PHP, SQL, Laravel, HTML, CSS, JavaScript