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:

CAREER BREAK
– Karachi, Pakistan   *December 2023 – February 2024*
- Dedicated myself to mastering a wide range of technologies pivotal to modern software development. This included deep dives into GitHub Actions, CI/CD pipelines, Dockerization, and various web development frameworks like MERN, Django, Flask, and Laravel. Additionally, I honed my skills with developer tools and leveraged Postman for backend development, exploring cloud services. I successfully completed five distinct projects, each built on one of four different backend frameworks: MERN, Django, Flask, and Larvael. Completed Final year project and additionally ventured rooted in innovative business ideas.

FRONTEND WEB DEVELOPER
Dexter's Web Lab – Karachi, Pakistan   *August 2023 – November 2024*
- 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
- WordPress designs with Elementor, plugins to customized WP website, speed optimization, products data transfer from OpenCart to Wordpress, various builders' website, data integrated GitHub to web, payment methods and EDX shipping.
- Integrated google analytics, wrote PHP code for making backend 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:

DEFI QUANT – MERN + SERN + Firebase

- This projects is based on a business idea of attracting client to rent bots show casing the Quant Trading bot strategies and success history, allowing them to register credentials and sending them to bots copiers
- The user can buy portfolio management on his investment by paying some fees
- 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

Currently working on it (components left: data sending to financial bots with API, payment through different option)
Functionalities done: google Auth, Getting user choice for bot's selection in DB, Getting
- data secrets from backend securely, restricting to frontend URL, Beautiful Frontend

Link: https://quant-trading-bots-mern.vercel.app
Skills: NodeJS, ReactJS, ExpressJS, SQL, MongoDB, Firebase, APi, Strapi Payment Method

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PORTFOILO – 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.vercel.app
Skills: NodeJS, ReactJS, ExpressJS, SQL, MongoDB

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 gets 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 4th hour on new feedbacks making it more better
- This projects 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

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 extinct 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, JavaScript, DS (Tensorflow, Pytorch, Regression, knn, CV2, etc)

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, HTM, CSS, JavaScript