

ALI GAUHAR

FULL STACK DEVELOPER (MERN)

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Experienced in MERN development, fascinated by the implications of machine learning in financial markets. Committed to fostering innovation and pursuing 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:

SOFTWARE DEVELOPER

– Franklin, Massachusetts, United States · Remote

April 2024 – Present

- I oversee the complete development pipeline, starting with gathering requirements and creating project plans. I design and manage databases, develop robust back-end solutions, and create engaging, user-friendly front ends, integrating AI capabilities where applicable. I conduct thorough testing to ensure quality and, post-deployment, monitor performance while actively soliciting feedback to drive continuous improvement. This iterative approach enables me to enhance tools effectively over time.
- As the sole developer, I have successfully created a variety of automation solutions designed to optimize social media utilization. This includes tools such as finding good groups, automated area-based location finder, post-generation tools, automated onboarding solutions for clients, and Zapier integrations, along with website design and development. Currently, I am working on a comprehensive data management portal for enhance user workflows. This portal ensures fast and secure access while providing functionalities that simplify the management of daily tasks. Additionally, I collaborate with a diverse team from different countries, working remotely to focus on strategic planning and maximize the benefits of our automation tools for daily operations and asset development.

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

Frontend:

React.js, JavaScript, HTML, CSS, BootStrape

Data Bases:

MongoDB, MySQL

Additional Tools:

Git, Github Action, Docker, Linux, Firebase

Quantitative Development:

TensorFlow, Financial Analysis, Data-Driven Decision Making

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>

Machine Learning for Trading (SPECIALIZATION)

Link: <https://www.coursera.org/account/accomplishments/specialization/PYVPREVM7G2I>

Practical Guide to Trading (SPECIALIZATION)

Link: <https://www.coursera.org/account/accomplishments/specialization/V5J4U9I0BQG2>

IBM Full Stack Software Developer (SPECIALIZATION)

Link: <https://www.coursera.org/account/accomplishments/specialization/YPZMKZDJ0RT7>

IBM Data Science (SPECIALIZATION)

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

React Native

Link: <https://www.udemy.com/certificate/UC-b6165db1-1b4a-46a1-962b-d745f520b76a/>

Containerized Applications on AWS

Link: <https://www.coursera.org/account/accomplishments/records/5BKYCP2T7K22>

Create High-Fidelity Designs and Prototypes in Figma

Link: <https://www.coursera.org/account/accomplishments/records/WRGC89UED9EB>

PROJECTS:

DEFI QUANT – MERN + SERN + Firebase

- This project is based on a business idea of attracting clients to rent bots showing trading 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



PORTFOLIO – 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 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 4th 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: <https://bit.ly/3TB6mGS>

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 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://dsprojecttempleshare.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, HTML, CSS, JavaScript

