

Tanzeela Sehar

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Objective

A highly disciplined individual, who is currently seeking remote internship positions for Front-End Developer / ReactJs Developer / Software Engineering roles.

Projects

Little Lemon – [Github](#) [Website](#)

Jan 2023

- Designed the prototype of the website using **Figma**.
- Created multiple react components and designed them using **CSS** and **Material UI**.
- Updated the form fields based on user input and **FetchAPI()** using **React Hooks**.
- Integrated form validation for booking a table, using unit tests (**Jest, react testing library**).

Stray Dogs Detection System – [GitHub](#)

May 2022 – Nov 2022

- Trained a real-time object detection model using YOLOv5m pre-trained weights and architecture to detect stray dogs, humans, cats and horses. (**Google Colab, Python, YOLOv5**).
- Performed data preprocessing on more than 10,000 images. (**Pytorch, Numpy, Pandas, OpenCV**).
- Achieved an overall precision score of 96.8% and mAP@0.5 score of 98.8%.

Mind Your Well Being – [Github](#) [Website](#)

Dec 2023

- Developed a responsive website using **HTML, CSS, Bootstrap**, and **JavaScript** to offer valuable resources and support for mental health.
- Designed user-friendly interface and implemented features to enhance user engagement.

Education

Bachelor of Science, Software Engineering.

Expected Graduation: May 2024

University of Karachi (UBIT) – Karachi, Pakistan.

Courses: Data Structures & Algorithms, Java OOP, Compiler Construction, Web Applications, Computer Logic Design, Big Data Analytics, Networking, Data Mining and Data Warehousing, Artificial Intelligence.

Diploma, Big Data Analytics.

June 2021 – Dec 2021

Institute of Business Administration (IBA) – Karachi, Pakistan.

Skills: Data Cleaning, Data Storing, Data Visualization, Model training (Linear Regression/ Naïve Bayes/ KNN/ Decision Trees etc), Model Evaluation, Parameter Tuning, Making Predictions.

Certifications

Meta Front End Developer Specialization

Oct 2023 – Jan 2024

- Practiced HTML and CSS in depth, JS modules, npm, functional programming, testing (e2e, integration, unit), UI/UX design (wireframes and prototypes), ReactJs (Hooks, components, Jest, react testing library).

Google Data Analytics Specialization

Jan 2023 – Jul 2023

- Learned concepts like Structured Thinking, Gap Analysis, Data Lifecycle, Data Ecosystems, Phases of Data Analytics, Data-Driven Decision Making, Data Integration and Interpretation, Statistical Analysis, Data Story-Telling, Predictive Modeling, Data Ethics and Privacy
- Got Familiar with MSWord, MS Excel, MS PowerPoint, Google Spreadsheets, Dashboards and Pivot Tables

Programming Skills: Python, Flask, ReactJs, R, MySQL, C, C#, Javascript, Java

Other: Git, Pandas, Numpy, OpenCV, Matplotlib, Seaborn, Scikit-learn, Tableau, HTML, CSS\Bootstrap, Figma, Vertabelo