Mian Umair Ehsan

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OBJECTIVE

Full-stack web developer experienced in creating responsive, scalable applications using modern frameworks. Dedicated to writing clean, efficient code and eager to contribute to impactful projects.

TECHNICAL SKILLS

Frontend: HTML, CSS, Tailwind CSS, JavaScript, React
Backend: Python, Django, Flask, Rest API(DRF)
Machine Learning / AI: Numpy, Pandas, Matplotlib, Sci-kit-Learn, Data preprocessing, Feature engineering
Databases: MySQL, Postgres SQL, Django ORM
Tools: Git/Github, Postman, Render, Vercel, VS Code,

EXPERIENCE

Software Engineer Internship
Bitstorm Solutions | Gujranwala, Pakistan (Feb 2025 – Aug 2025) [Completed]

- Developed web applications using **Django**, integrating responsive **HTML, CSS, and JavaScript** front-end designs.
- Designed and optimized **Relational Databases (MySQL/SQLite)** using Django ORM for efficient data management.
- Implemented **JWT Authentication, Form Handling,** and backend logic, while collaborating via **Git/GitHub**.

PROJECTS

AEON-Ecommerece Website (React, TailwindCSS, Django, RestAPI's, MySQL)-[Github]
Engineered a **scalable e-commerce system** using **React** and **Django REST Framework**

- Secured APIs using **JWT authentication** and role-based access, blocking **95%** unauthorized hits.
- Developed optimized REST APIs for **cart, checkout, and products**, achieving 40% faster response times
- Designed a **MySQL schema** efficiently handling 10K+ products.
- **Deployed backend on Render** and **frontend on Vercel**, ensuring smooth production hosting and seamless user experience.

Taskify-Team Management and Collaboration Tool (Html, Css, Js, Django, MySQL)-[Github]
Developed a role-based task management platform using Django

- Developed **Role-Based Access,** Admin, Manager, Team Lead, and Employee panels with distinct privileges.
- Implemented **OTP Verification & Authentication** for secure access.
- Created **Admin Dashboard** for managing users (CRUD), departments, projects, Assigning tasks and employee stats.
- Real-time task collaboration via **Web-Socket** powered comment threads and file sharing.
- **Dynamic Time Tracking Micro Service** Tasks auto-pause outside office hours, improving accuracy by 40%.
- **Monthly Stats**, efficiency scores, and time tracking charts.

Face Recoganition Attendance System (Python , Tkinter, OpenCV, MySQL)-[Github]
Developed a Python-based facial recognition system.

- Created **Admin Login Authentication** with **OTP Verification**.
- Stored passwords and OTPs using **SHA-256 Hashing** for secure authentication
- Implemented **ML Algorithms** for training , identification and verification of individuals.
- Attendance sheets can be exported in csv files and **Attendance Statistics**
- Stored data using **SQL** ensuring security and reliability.

Mini Projects
Developed practice projects to strengthen frontend and ML concepts:

- Holy Guidance [Visit]
- Klinik [Visit]
- Corporex [Visit]
- Movie Recommendation System [Github]
- Bizland [Visit]

EDUCATION

PUJC – University of the Punjab, Jhelum Campus
Bachelor of Science in Computer Science, 2020 – 2024
  CGPA: *[3.07/4.0]*