

Asif Rasool

Full Stack Developer

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 GitHub

PROFILE

Full Stack Developer skilled in React.js, Tailwind CSS, Python, Flask, and Django with experience building full-stack web applications and RESTful APIs. Proficient in CRUD operations, MySQL database integration, role-based access, and responsive UI development. Strong foundation in OOP, data structures, algorithms, and web development fundamentals. Focused on delivering clean, efficient, and scalable solutions.

EXPERIENCE

Web Developer, Digitalors 10/2025 – Present

Work Management System (Team Collaboration Platform)

Built a Work Management System using **React.js and Tailwind CSS** focused on productivity and real-time collaboration.

Key Features:

- Project & task management
- Team and role-based task assignment
- Task progress and deadline tracking
- **Real-time team chat**
- **Voice & video calls for meetings**
- Notifications & updates
- **Dark / Light mode UI**
- Fully responsive design using Tailwind CSS

School Management System (Full Stack Web Application)

Developed a comprehensive School Management System using **React.js and Tailwind CSS** to manage academic and administrative workflows.

Key Features:

- Student fee management
- Attendance tracking
- Class & subject management
- Exams and results system
- Student & teacher profiles
- Secure authentication (Login / Logout)
- Role-based access (Admin, Teachers, Students)
- Dark / Light theme support
- Responsive and modern UI built with Tailwind CSS

Full Stack Developer, Helfertech

02/2025 – 04/2025

Internship

Project Management (React.js & Flask)

1. Project & Task Management

- Developed features to create, update, and manage projects and tasks.
- Managers can assign projects to team leaders and team members.
- Team leaders can assign tasks based on each member's role.

2. Role-Based Workflow

- Implemented role-wise access for Manager, Team Leader, and Members.
- Users only view and manage tasks related to their assigned roles.

3. Notifications & Deadlines

- Added notifications for new tasks, updates, and upcoming deadlines.
- Deadline tracking so team members can review and submit tasks on time.

4. Tech Stack Used

- Frontend: React.js, Tailwind CSS
- Backend: Python Flask
- Database: MySQL

EDUCATION

Bachelor of Science in Computer Science (BSCS), The Superior University

Intermediate in Computer Science (ICS), Concordia College, Sahiwal

TECHNICAL SKILLS

Programming Languages

Python, JavaScript (ES6+), SQL

Database

MySQL (CRUD Operations, Joins, Data Modeling)

Tools & Platforms

Git, GitHub, VS Code, Vercel

Backend Framework

Flask, Django

Concepts

OOP, Data Structures & Algorithms, REST APIs, File Handling

Frontend

React.js, Tailwind CSS

FLASK/DJANGO PROJECTS

Flask CRUD Application

- Full CRUD-based Flask project with MySQL integration
- Implemented routing, form handling, and template rendering using Jinja2
- Data persistence handled through SQLAlchemy ORM
- Supports Add, Read, Update, Delete features with user-friendly UI
- Project Repository: [Click to View GitHub Project](#) ↗

Tweetbar - Mini Twitter Clone (Django), Tech Stack: Django, Python, HTML, CSS, Bootstrap, SQLite

Built a fully functional mini-Twitter application where users can create, view, edit, and manage tweets.

Implemented user authentication (login/register), dynamic templates, and CRUD operations for tweets. Added a clean UI with card-based tweet previews and integrated a search feature for filtering posts. Key Features:

- User registration & login system using Django authentication
- Create, edit, and delete tweets
- Display tweets with images, titles, and descriptions
- Search bar for filtering tweets
- Fully responsive UI built with Bootstrap
- Organized Django structure with models, views, templates, and static files

DATA STRUCTURES & ALGORITHMS

- Implemented stacks, queues, linked lists, and searching/sorting algorithms in Python
- Practiced algorithmic challenges on platforms like LeetCode and HackerRank
- Strong understanding of recursion, hash maps, trees, and graph traversal algorithms