

# Mian Umair Ehsan

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## Profile

I'm Umair, a Computer Science graduate skilled in Django, JavaScript, HTML, CSS, and Bootstrap. I've built AI-driven applications and recently developed Taskify, a task management system. I bring hands-on experience with Python, machine learning, and full-stack web development.

## Details

- 0315-6164550
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## Links

- [Linkdein](#)
- [Github](#)

## Experience

### Bitstorm Solutions

Feb 2025 — Present

During my internship at Bitstorm Solutions from February 24, 2025 to present, I worked on mock projects using Django. I developed features such as user authentication, event photo uploads, and admin dashboards. This experience improved my skills in Python, HTML, CSS, Bootstrap and deepened my understanding of full-stack development and GitHub.

## Skills

- Python
- Javascript
- SQL
- Html, Css, Bootstrap
- Django
- Git, Github
- Numpy, Pandas, Sklearn

## Projects

### Taskify – Full-Stack Task Management System

Developed a role-based task management platform using Django

- Role-based access: Admin, Manager, Team Lead, and Employee panels with distinct privileges.
- OTP login & authentication for secure access.
- Admin dashboard for managing users (CRUD), departments, projects, and employee stats.
- Real-time task collaboration via WebSocket-powered comment threads and file sharing.
- Dynamic time tracking: Tasks auto-pause outside office hours, improving accuracy by 40%.
- Employee-side insights: Weekly stats, efficiency scores, and support through chat-based help system.
- Team lead features: Task approvals, project-level task tracking, and time efficiency metrics.
- Result: Improved task visibility, streamlined operations, and enhanced productivity through structured workflows.

### Face Recognition Attendance System

Developed a Python-based facial recognition system using OpenCV.

- Created a login page for administrative access only.
- Implemented machine learning algorithms for identification and verification of individuals.
- Stored data using SQL ensuring security and reliability.

## Non-Technical Skills

- Communication Skills
- Self-Disciplined
- Self-Learner
- Task Oriented

## Education

- BSCS, Punjab University  
Jhelum Campus, Jhelum  
2020 — 2024  
CGPA: 3.07

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## **WhatsApp Messages Analytics**

Developed a WhatsApp Chat Analytics System using Pandas.

- Generated insights such as activity maps, most active users, and emoji usage analysis.
  - Analyzed and presented data on most active hours by a group or user.
  - Identified and highlighted most used words in a group or by a user
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