Ghulam Mohiyu Ud Din

Full Stack Web Developer

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Profile

Developing scalable and user-focused applications as a Full Stack Web Developer with expertise in MERN stack, Next.js, and Django. Designing responsive frontends and implementing secure, high-performance backends. Learning n8n to automate AI-powered workflows and build intelligent AI agents. Driving innovation by integrating modern web architectures with AI for next-generation digital experiences.

Education

Punjab College, Lahore, ICS Physics   Aug 2021 – 2023
University of Engineering and Technology, Lahore, BS in Computer Science   Sept 2023 – 2027
- CGPA: 3.641/4.0
- **Relevant Coursework:** Data Structures, Algorithms, Object-Oriented Programming, AI, DBMS

Experience

AI-Enhanced Web Developer (Intern), Nexium   July 2025 – Aug 2025
- Built **Resume Tailor**, an AI powered platform integrating Next.js, Supabase, n8n, and Gemini AI for ATS-optimized resumes.
- Implemented secure **Magic Link Authentication** and automated workflows through API + AI integrations.
- Deployed scalable full-stack solutions with Next.js, Tailwind CSS, and serverless backend practices.

Teaching Assistant (TA), University of Engineering and Technology, Lahore   2024
- Assisted faculty in teaching core CS subjects, PF and OOP.
- Conducted lab sessions, guided juniors, and evaluated assignments/projects.

Projects

Resume Tailor – *Next.js, Supabase, n8n, Gemini AI*
- AI-powered platform generating ATS optimized resumes tailored to job descriptions.
- Integrated Supabase auth and n8n workflow automation for seamless user experience.
- Leveraged Gemini AI for context-aware improvements and dynamic resume personalization.

SkillBridge – Job Portal – *MERN, Cloudinary, JWT*
- Full-stack job portal with employer/seekers roles, job posting, and resume tracking.
- Real time filtering, pagination, and responsive UI with Tailwind CSS.

Full Stack Blog App – *Django REST, React.js, PostgreSQL*
- Planned blog system with authentication, posts, comments, and search APIs.
- Integrated React frontend, Cloudinary media hosting, and CI/CD deployment.

RDBMS – *Flask, SQLite, Jinja2*
- Web interface supporting SQL execution with CRUD functionality.
- Developed lightweight backend with Flask and persistent storage in SQLite.
- Added user-friendly query panel with error handling and dynamic output rendering.

Twitter UI Clone – *Tailwind, JavaScript*
- Responsive UI clone simulating Twitter's core layout and interactions.
- Enforced feed, profile, and navigation bar with pixel-perfect design.
- Enhanced UI consistency using reusable components in Tailwind CSS.

Todo App – *MERN*

- Full CRUD task management app with persistent storage.
- Built REST API with Express and MongoDB for backend services.
- Drafted minimalistic UI with responsive layout for all devices.

HealthWave – Hospital Management System – *C++ (Console App)*

- CLI-based hospital system with patient management, search, and billing modules.
- Created structured menu navigation for smoother user experience.
- Added patient history tracking and automated bill calculation.

Clinic Management System – *C#, Windows Forms + Console*

- Hybrid desktop app integrating GUI frontend with console-based backend operations.
- Applied patient record storage, appointment scheduling, and reporting features.
- Improved usability by combining Windows Forms UI with fast console-based processes.

Car Obstacle Game – *C++ (Console Game)*

- 2D console game with scoring, collision detection, and real-time gameplay.
- Added increasing difficulty levels with progressive speed and obstacles.
- Originated replay and scoring system to enhance user engagement.

Skills

- **Frontend:** HTML5, CSS3, JavaScript, React, Next.js, Tailwind CSS
- **Backend:** Node.js, Express.js, Django, Flask, REST APIs
- **Programming Languages:** JavaScript, Python, C++, C#
- **Databases:** PostgreSQL, MongoDB, SQLite
- **Tools & Version Control:** Git, GitHub, VS Code, n8n
- **Other:** AI Workflows & Agents, Responsive Web Design, API Integration, CRUD Operations

Interests

Artificial Intelligence & Automation, Open Source Contributions, Problem Solving, Competitive Programming, UI/UX Design Exploration