MUHAMMAD YASIR

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ENGINEERING SUMMARY

Full-stack developer and AI builder specializing in high-performance backends and intelligent web applications. Focused on bridging scalable architecture with LLM integrations to solve real-world problems. Experienced in Python ecosystems, modern JavaScript frameworks, and real-time distributed systems.

TECHNICAL ARSENAL

- **Languages:** Python, JavaScript/TypeScript, SQL, HTML/CSS
- **Backend & APIs:** Django, FastAPI, Flask, RESTful APIs, ASGI/Django Channels
- **Frontend:** React, Next.js, Tailwind CSS, Bootstrap 5
- **AI & Data:** Groq Inference Engine, Llama 3, Prompt Engineering, NLP integration
- **Tools & Security:** Git, SQLite, Web Security, System Architecture

SELECTED ENGINEERING PROJECTS

LinkedIn AI Copilot | *Python, FastAPI, Groq, Llama 3, Chrome Extension*

- Engineered a high-performance Chrome extension that acts as a personal AI assistant for LinkedIn networking and job hunting.
- Integrated Groq's high-speed inference engine with Llama 3 to achieve near-instantaneous AI response times, bypassing standard API latency bottlenecks.
- Architected features for batch-scoring job postings, analyzing descriptions, and generating context-aware, smart comments to scale professional outreach.

Life-Flow (Blood Donation Platform) | *Django, Python, ASGI, Django Channels*

- Architected a full-stack, real-time blood donation platform connecting donors with seekers instantly.
- Implemented asynchronous communication protocols using Django Channels and ASGI to facilitate real-time donor-seeker matching.
- Designed a secure and intuitive donor management dashboard and relational database schema using SQLite.

Namaz Time (Global Prayer Web Application) | *Full Stack Web*

- Developing a comprehensive prayer time application engineered for global coverage and high accuracy.

- Currently refactoring the entire frontend architecture to deliver a premium UI/UX and seamless responsive design across all devices.

Shop Management System | *Python, Flask, Bootstrap 5*

- Built a comprehensive, MVC-patterned web application for SMBs to manage inventory, process sales, and track analytics.
- Designed a robust RESTful API layer to handle state and data transfer between the SQLite database and the responsive Bootstrap 5 client interface.

EDUCATION

University of Loralai — Balochistan, Pakistan *Bachelor of Science in Computer Science (Currently in 6th Semester)*

- **Focus:** Software Architecture, Artificial Intelligence, Web Security.