Hira Iftikhar

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Karachi, Pakistan

Objective

Motivated CS undergrad with strong problem-solving skills and hands-on experience in full-stack web development, AI integration, and real-world project delivery. Passionate about AI, scalable systems, and meaningful software development.

Education

FAST - National University of Computer and Emerging Sciences *August 2022 – Present*
BS in Computer Science, Karachi, Pakistan
CGPA: 3.22

Technical Skills

Languages: C/C++, FastAPI, JavaScript, SQL
Frameworks: React, Node.js, Express.js, Flutter, Next.js
Databases: MongoDB, MySQL, PostgreSQL
Tools: Git, Docker, Postman
Courses Taught: AI, ML, DLP, Software Development

Projects

- **Blood Bank Management System (BBMS)** GitHub
  C++, OOP
  Built a file-based blood donation system with inventory tracking and donor-recipient compatibility logic.

- **Person Recognition via Gait Matching** GitHub
  Python, PyTorch, OpenCV
  Achieved 96.65% accuracy using ResNet-101 and entropy-based feature selection for identity recognition.

- **Preloved Fashion Platform** GitHub
  MERN Stack, JWT
  Developed a thrift e-commerce site; enabled 100+ product uploads and 60+ user signups during testing.

- **Event Management System** GitHub
  Flutter, Node.js, MySQL
  Built a role-based event planning app; simulated 15+ events and 50+ user interactions in trial phase.

- **Skill Bridge – AI Career Platform** GitHub
  React.js, Node.js, NLP
  Integrated resume builder and skill gap analyzer; Runner-Up at Developers Day 2025 Hackathon.

Experience

- **10Pearls – Shine Internship Program** *Sep 2025 – Present*
  Intern – MERN Stack Development, Remote in 🌐
  Working on real-world web applications using the MERN stack, collaborating in agile teams, and contributing to both front-end and back-end modules.

- **Trust Nexus** *Jul 2025 – Sep 2025*
  Intern – Back-end Development, Hybrid in 🌐
  Led a back-end team and contributed to major projects like HRMS and NEXI Robot using FastAPI and SQLAlchemy. Designed RESTful APIs, implemented data automation pipelines, and deployed services on Oracle Cloud.

- **Bulbul Arabic Speaking Classes** *June 2025 - August 2025*
  Intern – Web Development and AI Integration, Remote in
  Integrated AI assistant into the platform, improved UX, fixed bugs, and built automation tools.

Achievements

- **Runner-Up – Developers Day 2025 Hackathon**: For building *Skill Bridge*, an AI-powered platform with NLP-based skill gap analysis, resume generator, and learning plans.
- **Winner – Remotebase AI Hackathon**: Built an AI Fashion Recommender with Gemini API, diffusion model for visual styling, and virtual wardrobe for community-based outfit swapping.

Certifications

- **Coursera:** Web Development
- **OpenWeaver:** Python Programming
- **DevTown:** Git & GitHub, Python & AI, Hotstar Clone