

MUHAMMAD RAFFEY

AGENTIC AI ENGINEER

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CAREER OBJECTIVE

Ambitious and results-driven Agentic AI Engineer seeking a challenging role to leverage expertise in AI integration, full-stack development, and multi-agent system architecture. Committed to designing and deploying intelligent, production-grade applications that combine cutting-edge LLM technologies with robust web infrastructure. Eager to contribute to innovative teams building scalable AI solutions, while continuously expanding technical mastery in agent orchestration, AI workflow automation, and emerging AI technologies. Passionate about solving complex problems through intelligent automation and delivering measurable business impact.

EDUCATION

- **BS in Computer Science (6thSemester)** | *University of Lahore (UOL), Lahore* | 2024 - Present
 - **Intermediate** | *Concordia College, Garden Town, Lahore* | 2021-2023
 - **Matriculation** | *The Educators Muhammadan Campus, Johar Town, Lahore* | 2019-2021
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CERTIFICATIONS

AI Course | Cloud Applied Generative AI Engineer Course | PIAIC Lahore

Python for Everybody (PY4E) | Coursera

- Getting Started with Python
- Python Data Structures
- Using Python to Access Web Data
- Using Databases with Python
- Capstone Project

Django for Everybody (DJ4E) | Coursera

- Getting Started with Django
- Building Web Applications in Django
- Django Features and Libraries
- Using JavaScript and JSON in Django

Web Design for Everybody (WD4E) | Coursera

- Introduction to HTML
- CSS3 Styling

Presidential Initiative for AI & Computing | Coursera

- Prompt and Context Engineering: Level 1 Developer
- Agentic AI Level 1 Developer
- Agentic AI Professional Level 2 Developer

SKILLS

- **Core skills:** React Next.js, TypeScript, JavaScript, Python, FastAPI, Tailwind CSS, Streamlit
 - **Agentic AI skills:** OpenAI APIs, OpenAI Agents SDK, LangChain, LangGraph Large Language Model integration, Multi-agent system architecture, AI workflow automation, Agent orchestration
 - **Project-based expertise:** Building production web apps, AI interview platforms, Meeting summarizers, E-commerce websites, LLM-powered tools, Speech-to-text and AI feedback systems, Headless CMS integration with Sanity.io
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EXPERIENCE & PROJECTS

FREELANCE AGENTIC AI DEVELOPER | SELF-EMPLOYED

AI Engineer

Oct 2025 - Dec 2025

Devdot

- Developed AI-powered chatbots for company websites using Next.js and Python FastAPI, improving customer interaction and automation.
- Integrated LLM APIs, prompt flows, and backend services to build smart AI features for web-based products.
- Worked on multiple startup projects including websites, chatbots, dashboards, and automation tools in a fast-paced environment.

Talent Hunt AI (AI-Powered Recruitment Platform)

- Designed and developed a full-stack ATS-style recruitment platform with dedicated HR, graduate, and admin workflows.
- Implemented AI-driven hiring features including CV parsing, job-to-CV matching, MCQ assessments, chatbot support, and automated screening interviews.
- Built scalable backend and frontend modules using FastAPI, Next.js, PostgreSQL, authentication, file storage, and real-time screening flows for applicant evaluation.

Heer Clothing (E-Commerce Web Application)

- Developed a responsive Next.js and TypeScript storefront with Sanity-backed product management, category browsing, and SEO-friendly sitemap/canonical metadata.
- Built secure admin workflows with Better Auth, delegated permissions, analytics dashboard access, and responsive admin navigation.
- Integrated Neon database features for orders, analytics tracking, recent activity logs, and optimized admin queries for maintainable data handling.

Meme Mushaira (AI Content Generation Mobile App)

- Built a cross-platform AI content app using React Native, Expo, and TypeScript for generating mood-based memes and Urdu Shairi.
- Developed a secure Next.js API backend with streaming LLM responses, Zod validation, rate limiting, CORS handling, and custom header authentication.
- Implemented user workflows including content history, profile-based personalization, dark/light themes, regenerate, copy, and share actions.

UOL CGPA Hub (Expo Mobile App)

- Built a local-first CGPA calculator for University of Lahore students using Expo SDK 56, Expo Router, React Native, and TypeScript.
- Implemented academic workflows for course entry, UOL grade-scale mapping, previous-record integration, target CGPA planning, and validation warnings.
- Added AsyncStorage-based saved calculations with restore/delete actions, theme preferences, responsive native/web layouts, and EAS Android build configuration.

IELTS with Asif (Education Coaching Website)

- Developed a responsive Next.js, React, TypeScript, and Tailwind CSS website for IELTS, OET, PTE, and Spoken English coaching services.
 - Built student workflows including service browsing, results gallery, WhatsApp CTAs, and a dynamic inquiry form with Resend email notifications.
 - Integrated SEO metadata, sitemap/robots, structured data, dark mode, and a streaming AI assistant using a Groq/OpenAI-compatible API.
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ACHIEVEMENTS

UOL CS VS SE Speed programming Winner | 2024

- Competed in intense speed programming challenge, completing multiple complex coding tasks within strict time constraints against top competitors from both CS and SE departments.
 - Demonstrated strong problem-solving and algorithmic thinking by writing efficient, bug-free code across diverse programming problems including data structures, algorithms, and system-level challenges.
 - Awarded 1st place out of multiple teams for exceptional coding proficiency, execution speed, and code quality under high-pressure competitive environment.
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LANGUAGES

- English
- Urdu
- Punjabi