

Muhammad Qasim

Software Engineer & Tech Trainer

mq77gill@gmail.com | [Github](#) | [LeetCode](#) | [LinkedIn](#) | [Portfolio](#) | [Coursera](#)

ACHIEVEMENTS

- Selected as a **Section Leader (Mentor)** at Stanford University's *Code in Place* program to teach python and mentoring 1:1 student.
- **Harvard CS50x Puzzle Day Winner** among 11,000+ participants | Solved 9/9 Puzzles.
- Won **Best Use of Camel AI Award** in *Fall in Love with DeepSeek International Hackathon 2025*.
- **First Place Winner** at ULEFUSA – APTECH Generative AI Hackathon.
- Selected as a **Mentor** at **HackYeak (Poland)** for an international hackathon.
- Selected as a **Mentor** at the **CyberSecurity Hackathon** organized by the **European Union**.
- Selected as a **Judge** at the **Generative AI Hackathon** organized by **Pak-Angels (California, USA)**.
- Ranked in the **Top 15% on LeetCode** with 400+ Data Structure and Algorithms problems solved.
- Recipient of a **Solar Panel System** by the Chief Minister of Punjab, Pakistan for being **School topper**.

SKILLS

- **Frontend Development:** React, Tailwind, Bootstrap, Material UI
- **Backend Development:** PHP, Python, Flask, Node.js, Express
- **Databases:** MySQL, MongoDB, SQLite, PostgreSQL
- **Tools:** VSCode, Google Colab, Sublime Text, Jupyter Notebook, GitHub, Postman
- **Google Maps:** Leaflet, Google Maps
- **APIs & Integrations:** Twilio, SERP API, Cloudinary, Nodemailer, Google Maps API, Stripe, GoHighLevel
- **AI:** Generative AI, LLMs, RAG
- **Web Scraping & Automation:** Selenium, BeautifulSoup

EDUCATION

Lahore Leads University

Bachelor of Science in Computer Science
CGPA: 3.14/4.0

Lahore, Pakistan
Graduation: 2021

- Final Year Project: **Mr Solution** | PHP, MySQL, HTML, CSS, Bootstrap, JavaScript
- Built a platform to connect people with local service professionals (carpenters, electricians, etc.)
- Designed a lead generation system where buyers request services and professionals purchase leads

WORK EXPERIENCE

Fullstack Web Developer

MetaViz Pro

Lahore, Pakistan

May 2022 – Jan 2025

- Developed web applications using HTML, CSS, Bootstrap, JavaScript, jQuery, SQL, and PHP.
- Created web crawlers for data extraction, transforming scraped data into actionable business insights.
- Optimized application performance, reducing page load times through efficient code and database queries.
- Integrated APIs and third-party services to enhance functionality, enabling seamless service integration.

INTERNATIONAL HACKATHONS & COMPETITIONS

Harvard Puzzle Day

9/9 puzzles solved in 3 days, demonstrating critical thinking, teamwork, and time management.

Legal Assistant Chatbot | Gradio, FAISS, Llama3, Helsinki NLP, PyPDF2, MiniLM-L12-v2, LangChain

Event: Focused on anything through AI-driven solutions

Role: Designed and developed a chatbot frontend for Pakistani law queries, integrating Llama3 for simplified English responses, Helsinki NLP for Urdu translation, FAISS vector database, and Gradio interface.

Outcome: Secured **First Rank** by building an AI-powered chatbot to simplify Pakistan's laws in English and Urdu.

Finance Assistance | Streamlit, PyMuPDF, CAMEL-AI, AIML API (DeepSeek)

Event: Focused on anything using camel-ai, deepseek v3 or ai/ml api

Role: Collected and cleaned Kaggle dataset for fine-tuning, assisted in debugging, testing, and deployment.

Outcome: Won the **Best Use of AI/ML API Award** for building an AI-powered Personal Finance Assistant that analyzed credit card statements and provided spending recommendations based on the 50/30/20 rule.

Massachusetts Institute of Technology Informatics Tournament

Ranked 239th/536 teams by solving problems with Data Structures and Algorithms

Calico Fall (UC Berkeley Coding Competition)

Solved 4/17 problems in 2 hours, showing analytical skills, teamwork, and time management.

Meta Hacker Cup (Coding Competition)

Qualified for Round 1, leveraging data structures and algorithmic thinking.

VOLUNTEER TEACHING AND MENTORSHIP

Section Leader Mentor

Stanford University: Code in Place

California, US · Remote

Apr 2025 – Jun 2025

- Mentored 50+ students from diverse global backgrounds in Python and debugging.
- Conducted 1:1 sessions clarifying concepts such as for-loops, while-loops, and functions.
- Assisted students in troubleshooting code and improving their logical approach to programming challenges.
- See students' feedback [here](#).

Tech Trainer and Moderator

ICodeGuru

Santa Clara, California · Remote

Feb 2025 – Present

- Taught Data Structures and Algorithms and LeetCode to 80+ learners via live sessions and workshops ([link](#)).
- Solved LeetCode coding exercises live to demonstrate algorithmic patterns.
- Explained time and space complexity trade-offs and alternative approaches.

REFERENCES

Dr. Zafar Shahid

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Dr. Rizwan Ghaffar

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