



AGENTIC AI & FULL-STACK ENGINEER

Muhammad Umer Farooq

I build agentic AI products, LLM automation workflows, RAG systems, and data-heavy web apps that turn messy operations into reliable software.

Agentic workflows

RAG and LLM systems

Full-stack products

Automation and scraping

About

Hello, I am a software engineer focused on practical AI systems: agentic workflows, LLM-powered internal tools, RAG pipelines, web automation, scraping, API integrations, and full-stack products that ship into real business use.

Contact

+92 315 5450266

umer@lablnet.com

umer@frameworkisland.com

<https://lablnet.com> github.com/lablnet linkedin.com/in/lablnet

Skills

LANGUAGES

JavaScript	TypeScript
Python	PHP
HTML/CSS	SQL/MySQL
Firebase	MongoDB
Vector search	Dart
C/C++	Ruby

FRAMEWORKS

Laravel	CodeIgniter
Vue	React
Electron	jQuery
TailwindCSS	Ant Design
Bootstrap	MaterializeCSS
Flask	Flutter
Selenium	Ruby on Rails
LangChain	LangGraph
RAG	Tool calling
LLM APIs	

TOOLS/PLATFORM

VS Code	Jupyter
Git	Docker
API clients	Browser automation
Deployment	Windows
Ubuntu/WSL	Backend workflows

Experience

Software Engineer

FrameworkIsland

Jun 2024 - Present

I joined Framework Island as a Full Stack Developer II in June 2024, progressing to Software Engineer in July 2025. At Framework Island, I played a pivotal role...

Freelancer

Upwork

Dec 2021 - Jun 2025

I have started to work on Upwork on 07 dec, 2021, I have successfully completed over 111 projects and have received a 5-star rating on 90% of them....

Web Developer

Riphah International University

Oct 2022 - Aug 2023

Riphah International University offered me the opportunity to work on building an alumni management system for Riphah International University. The university will use this system to manage and...

Contract Engineer

Mennr

Oct 2022 - Jan 2023

I work as software developer at Mennr. I was responsible for developing and maintaining the company's various projects. I was also responsible for managing the company's servers and...

Education

Riphah International University (I-14 Islamabad)

Bachelor [Gold Medalist] (Bachelor of Science in Software Engineering)

Feb 2020 - Jan 2024

Grade: 3.74 / 4.00

Punjab College Of Commerce, 661 Peshawar Road Rawalpindi Cantt(2833)

intermediate of Computer Science (ICS (Computer Science with Mathematics))

May 2017 - Apr 2019

Grade: 55%

F G Boys Secondary School Nai Chawni Westridge-1 Rawalpindi Cantt

Secondary School Certificate (Science)

May 2015 - Apr 2017

Grade: 65%

 Selected Projects

AgentBuild

JUL 2025 - PRESENT

Purpose AgentBuild is a model-agnostic coding agent built with LangChain JS and LangGraph JS. It ships as both a terminal CLI (a full-screen Ink...

 [View](#)

Modula

JUN 2025 - PRESENT

Purpose Modula is a unified, plugin-based application platform built with Hono and React. It is a TypeScript monorepo that pairs a Hono backend with...

 [View](#)

StepWright

OCT 2025 - OCT 2025

StepWright is a declarative web scraping library that simplifies building robust scraping workflows with Playwright. It supports pagination (next/scroll), streaming results, multi-tab flows, file/PDF...

 [View](#)

ResourcesR App

OCT 2020 - AUG 2021

Purpose As a university student in Pakistan, I noticed a common problem among my peers: they did not have access to lectures, slides, and...

 [View](#)

AlphaZ Framework

FEB 2018 - JUN 2019

Purpose The purpose of the AlphaZ Framework is to provide a lightweight, generic, and extensible PHP framework with a minimal bundle footprint. It is...

 [View](#)

 Certificates



Cryptography 1

Coursera online course (Stanford) - Sep 2022



Python For Everybody

Coursera online course (University of Michigan) - Aug 2020



Open-Source-Software, Linux and Git

Coursera online course (The Linux Foundation) - Jul 2020

 Interests

Open source development

RAG and LLM systems

Developer tools

Traveling

Gardening

Teaching

 Recommendations

LUCA VENEZIANO**December 2022**

CEO, Mennr

luca@mennr.com

" Muhammad has demonstrated a dedication to excellence in his work, consistently going above and beyond to ensure that our products are of the highest quality. He is highly organized and task oriented, and he is always eager to take on new challenges. Muhammad is an excellent problem solver, with the ability to quickly and accurately diagnose and resolve technical issues. "

SAUD KHAN**November 2022**

Professor and Director Digital Learning, Riphah International University

muhammad.saud@riphah.edu.pk

" I have been supervising Umer for over six months on a large scale/complex web application project. During this time he has proven himself to be hardworking, task oriented, and adaptable to stressful conditions. Umer's approach to software development is very mature and he has the special ability to convert complex tasks into simpler ones. I found him devoted to his work and always keen to continue his intellectual growth. I have no doubt he can prove himself as a valuable asset for any team. "

MANUEL LEMOS**November 2022**

CEO, iContem

mlemos@icontem.com

" Umer has been a very loyal and competent software developer that is always learning to become better in this profession. "

SUMAN SIGDEL**December 2019**

Software Engineer, Nextdoor

sumansid1113@gmail.com

" Working together with Muhammad, I figured that he is an extremely talented developer. His knowledge of full-stack web development is truly industry level. "