



Muhammad Waqar Irshad

Full Stack Developer

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🔗 <https://waqar-irshad-portfolio.vercel.app> [in](#) /waqarirshadkhan

Professional Experience

02/2020 – present
Islamabad,
Pakistan

Zerpoint IT (Pvt) Ltd., Team Lead & Senior Backend Developer

- Leading a team focused on data-driven projects, overseeing end-to-end development and delivery.
- Core responsibilities include large-scale web data extraction, validation, and normalization.
- Designing and integrating third-party APIs and web services to enrich and automate data pipelines.
- Developing backend systems using PHP (Symfony framework), and managing databases with MySQL.
- Building scalable data scrapers using Python and Scrapy for continuous data ingestion.

01/2018 – 02/2020
Rawalpindi,
Pakistan

Vizz Web Solutions, Senior Backend Developer

- Successfully delivered a variety of client-based projects, adapting to different domains and technical requirements.
- Key project: Digiebot – an automated trading bot featuring real-time data processing and algorithmic trading.
- Designed and developed RESTful APIs for mobile app integration and third-party service communication.
- Hands-on experience with backend technologies including PHP (Laravel, CodeIgniter), Node.js, MongoDB, and MySQL.
- Proficient in managing Linux-based servers and deploying applications on cloud platforms like AWS.

2017 – 2018
Islamabad,
Pakistan

Estate Office, Backend Developer Intern

- Developed a custom web-based solution for a government Estate Office using PHP and the CodeIgniter framework.
- The system automated the manual process of housing allotment for government employees, streamlining operations through a centralized web portal.
- Delivered a user-friendly platform that improved efficiency, transparency, and record-keeping within the department.

Education

2012 – 2016
Islamabad,
Pakistan

Bachelors of Computer Science, *COMSATS Institute of Information Technology*

- Final Year Project: Developed a comprehensive web portal for a university Sports Department to digitize and manage sports activities.
- Key features included: draw management, scheduling, live scoring, player registration and management, and event tracking.
- Aimed to streamline administrative workflows and enhance transparency in sports event coordination.

Skills

PHP — Core PHP, Symfony, Laravel, Yii2 Framework, CraftCMS, Wordpress

Javascript — React, Nodejs, JQuery, Ajax

Python — Scrapy, FastApi, Flask, Django

Server and Deployment — AWS, Linux Based Servers, Git, Github

Tools — VS Code, Slack, PHP Storm, PyCharm, MongoDB compass, PHPMysqlAdmin

Courses

2024

Symfony 6 Framework: Getting Started (Hands-on 2025), *Udemy*

Symfony Installation, Symfony components, MVC Pattern, Controllers, Models and Twig Templating, ORMs, Testing, Deployments

2023

IBM Full Stack Software Developer Professional Certificate, *Coursera*
Course Certificates Completed

Cloud Computing, Web Development with HTML, CSS, JavaScript
Git and GitHub, React, Node.js and Express, Python for Data Science, AI & Development, Developing AI Applications with Python and Flask, Django
Application Development with SQL and Databases, Containers w/ Docker, Kubernetes & OpenShift, Application Development using Microservices and Serverless

2022

Project Management Skills for Leaders, *Linkedin Learning*

This course provided a solid foundation in essential project management principles tailored for leaders. It struck a good balance between strategic thinking and practical tools, such as planning, prioritization, and stakeholder management. I especially appreciated the focus on communication and team alignment, which are often overlooked in technical project training. Overall, it's a valuable course for anyone looking to lead projects more effectively and with confidence.

Projects

Zimmo, *A real-estate Portal* [↗](#)

Zimmo is a leading Belgian real estate platform that aggregates property listings from various sources, offering search, comparison, and market analysis tools for buyers, sellers, and renters. The platform serves as a comprehensive hub for residential and commercial real estate, including partnerships with agencies and third-party data providers.

Digiebot, *Powerful Crypto Trading BOT* [↗](#)

Digiebot is an intelligent trading platform designed to automate cryptocurrency trading using predefined strategies and real-time market data. The system executes trades based on technical indicators and market signals, aiming to optimize profits and reduce human intervention. The platform includes features like trade execution, portfolio tracking, and performance analytics.

Callers IQ, *Marketing and Lead Generation Tool* [↗](#)

Callers IQ is a performance marketing and lead management platform focused on call tracking, lead generation, and sales conversion optimization. It enables businesses to track inbound calls, assign leads, and analyze campaign performance using real-time analytics and reporting tools. The system supports integrations with CRMs and advertising platforms to streamline the sales funnel.

TripVerse, *A Trip to Universe*

Tripverse is a social travel platform that allows users to create, organize, and share interactive travel itineraries. It offers features like offline access, location tagging, day-wise planning, and collaboration with fellow travelers. The platform enhances the travel experience by combining planning tools with user-generated content and travel discovery.

Ticti [↗](#)

TICTI is a U.S.-based nonprofit organization dedicated to promoting the healing and healthy development of children, adolescents, and adults who have experienced trauma or loss. The institute provides therapy, training, consultation, information, and resources for professionals working with trauma-exposed individuals. TICTI also conducts research on trauma assessment and treatment, and on its own training programs.

HealthWiz360, *Health and Wellness Program* [↗](#)

HealthWiz360 (Patent Pending) is a revolutionary health & wellness concept that uses a proprietary model by integrating Genetics, Diet, and Exercise to give you targeted information for managing Your Health!. We created a system that offers you targeted information for Your Health. That's why we focus on the term "My Health" which primarily highlights our passion that was to create a targeted solution focused on one's health.

Languages

English

Urdu

Hobbies

Event Management

Managing Activities like Dinners, Trips, Sports activities etc

Sports

Playing Cricket, Football, Table-tennis, Pool, Snooker etc.

Gaming

Fifa, EA-Cricket, COD, Delta force

Web Browsing

Web Surfing about trends, technologies, latest news etc.

Tour and Travelling

Trevlling to hillstations, hiking, trekking, walking along the lakes etc.

References

Zain Abid, *Business Consultant*, Abid & Sons Traders

0334-5554921

Usman Khalid, *Senior Admin Manager*, LOLC Bank Limited

0333-5752917