



# Sr. Software Engineer

VERSATILE, AGILE, PROFICIENT.

Empowering the digital landscape through comprehensive development expertise.

PORTFOLIO



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# AHMAD RAZZAQ



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Experienced as a Senior Software Engineer with 5 years of proficiency in designing and developing dynamic applications. Skilled in front-end technologies and various frameworks. Strong back-end expertise using Python, or Java, coupled with database management and backend framework knowledge. Accomplished Data Scientist and Analyst with 5 years of experience in data analysis, statistical modeling, and machine learning. Proficient in Python a for developing data-driven solutions. Extensive web scraping experience using a variety of frameworks. Strong problem-solving skills, attention to detail, and ability to collaborate effectively in cross-functional teams. Continuously staying updated with the latest technologies and trends.

## Education

**MASTER'S** Sep 2015 - July 2019  
**Information Technology**

University of Gujrat, Pakistan  
CGPA: 3.75 (GOLD MEDALIST)

**INTERMEDIATE** Sep 2012 - Jun 2015  
**Computer Science**

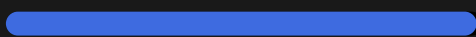
BISE, Gujranwala, Pakistan  
Grade: A  
Percentage: 81.62%

## Languages

**English**  
Native



**URDU**  
Native



## Work Experience

### SENIOR SOFTWARE ENGINEER 2021 - Present GulzarSoft

I played a pivotal role as a Senior Software Engineer at GulzarSoft, where I made significant contributions utilizing my strong analytical skills to extract valuable insights from complex datasets. As a leader within the organization, I had the privilege of overseeing a talented team of data scientists and analysts, fostering a collaborative and innovative environment. I empowered my team members to excel in their roles and deliver exceptional results. In addition to my technical expertise, I actively collaborated with cross-functional teams, including business stakeholders, product managers, and software engineers, to align data-driven strategies with the company's goals. Overall, my experience as a data scientist and data analyst at GulzarSoft was characterized by my ability to leverage analytical skills, lead a high-performing team, drive impactful projects, and ensure the highest standards of quality and timeliness. I am proud of the valuable contributions I made towards enabling data-informed decision-making and driving the success of the organization.

### LEAD SOFTWARE ENGINEER 2019 - 2021 Patron Soft

I had the opportunity to contribute my expertise as a versatile professional at Patron Soft, taking on roles as a Data Scientist and Web developer. I have leveraged my expertise in Python and the Django framework to develop dynamic websites that incorporate real-time data. By employing various statistical techniques, I have performed robust statistical modeling and applied cutting-edge AI techniques to the scraped data. The resulting insights are then presented on the websites I have created, showcasing the power of data-driven decision making. I crafted tailored solutions to meet clients' unique requirements, fostering their online presence with impactful and user-friendly websites.

### FULL-STACK DEVELOPER 2018 - 2019 Easy Solutions

I began my journey at Easy Solutions as an intern web developer and product manager, embarking on a transformative learning experience that allowed me to evolve into a skilled and proficient full-stack web developer. Through hands-on projects and guidance from experienced professionals, I honed my technical skills while gaining valuable insights into the product development lifecycle. During my time at Easy Solutions, I played a pivotal role in developing point-of-sale (POS) systems for numerous companies. With a strong understanding of both front-end and back-end technologies, I utilized my expertise to create efficient and tailored solutions that streamlined their business operations. As a product manager, I collaborated closely with cross-functional teams, to ensure successful project execution. Through effective communication and project management, I facilitated the translation of client requirements into actionable development tasks, ensuring that projects were delivered on time and within budget. Throughout my tenure at Easy Solutions, I not only developed my technical skills but also nurtured my ability to work collaboratively in a fast-paced and dynamic environment. I thrived in cross-functional teams, leveraging my communication skills to foster effective teamwork, manage competing priorities, and adapt to evolving project requirements.

## Expertise

Website Development

API Dev

Web Scraping

Desktop App Dev

Wordpress

DevOps & Deployment

Custom Script Dev

Data Science

Testing & Quality Assurance

Python for System Administration

Automation & Scripting

Machine Learning

Mobile App Dev

Collaborative Dev

Mobile Application Development

## Tools

Anaconda

Visual Studio

PyCharm

MySQL Workbench

Amazon Web Services

Chat GPT

Eclipse

Atom

IntelliJ IDEA

Sublime Text

Visual Studio Code

Postman

pgAdmin

MongoDB Compass

Docker

SQLiteStudio

Microsoft SQL Server Management Studio

Figma

Photoshop

Illustrator

## FULL-STACK WEB DEVELOPER 2022 - Present

NRZ Entertainment

I have had the opportunity to work as a freelance full stack developer, providing my expertise to an esteemed international company and delivering comprehensive web development solutions. It was a rewarding experience to work on diverse projects, delivering high-quality solutions that exceeded client expectations and contributed to the company's success in the global market.

## DATA SCIENTIST ENGINEER 2021 - Present

ABY Sales Leads

I collaborated as a freelance Data scientist with an esteemed international company to deliver data-driven solutions that drove significant business outcomes. I engaged in a range of responsibilities, including data analysis, predictive modeling, and developing efficient algorithms to extract valuable insights from complex datasets.

## Platforms

Integrated Development Environment

Version Control System

Collaboration & Communication

Packaging & Dependency Management

Cloud Platforms

Technical Forums & Q&A Sites

Documentation Platforms

Monitoring & Analytics Platforms

Containerization Platforms

Project Management Platforms

Big Data Platforms

Adobe Creative Cloud

## Certifications

CREATING  
PROFESSIONAL  
ANIMATIONS

CERTIFIED  
EXPERT IN  
PYTHON  
PROGRAMMING

MICROSOFT  
OFFICE  
2013

ANIMATION  
WORKSHOP  
MODERATOR

HACKER RANK  
PROBLEM  
SOLVING

CERTIFIED  
WEB SCRAPING  
SPECIALIST (CWSS)

IPDS  
PYTHON TRAINOR

HACKER RANK  
PYTHON

# Technical Skills

## PROGRAMMING LANGUAGES & FRAMEWORKS

Proficiency in programming languages such as

Python

Django

Flask

Pyscript

Fast API

Kivy

Scrapy

Java

Spring Framework

JavaFX

C#

.NET Framework

ASP.NET

Entity Framework

.NET Core

WPF

Front-end Languages

HTML

CSS

SCSS

Bootstrap

React

## OBJECT-ORIENTED DESIGN

Knowledge of object-oriented programming (OOP) concepts, design patterns, and architectural principles to create modular, scalable, and maintainable software solutions.

## SOFTWARE TESTING

Knowledge of testing methodologies, unit testing frameworks (e.g., JUnit, pytest), and automated testing tools to ensure the quality and reliability of software.

## MASTERY OF DATABASES

Proficiency in working with databases, designing database schemas, writing efficient queries, and using database management systems such as

MySQL

PostgreSQL

MongoDB

SQLite

Microsoft SQL Server

Oracle Database

Cassandra

Firebase

Elasticsearch

## SOFTWARE DEVELOPMENT

Strong understanding of software development principles, methodologies (e.g., Agile, Scrum), and best practices, including version control, testing, debugging, and documentation.

## CLOUD TECHNOLOGIES

Experience with cloud platforms (e.g., AWS, Azure, Google Cloud), containerization (e.g., Docker), and deployment strategies for scalable and reliable software applications.

# Non Technical Skills

Problem Solving

Collaboration

Communication

Adaptability

Time Management

Continuous Learning

## Interests

Sports & Games



Exploring & Travelling



Socializing



Cooking

