

Muhammad Ahmad Raza

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OBJECTIVE:

A self-motivated software development enthusiast with years of experience. A results-driven and analytical individual who can think "out of the box". Interested in a challenging technical track career in an agile environment.

TECHNICAL SKILLS:

Languages:

- Angular
- Python
- Javascript
- Node.js
- Python Django
- HTML/HTML5
- Express
- REST APIs
- CSS/CSS3
- Objections.js
- Scrapy.py
- Bootstrap
- Socket.io
- PostgreSQL
- Mongo Db

Technologies:

- ERPNext
- Heroku
- ASP.NET MVC 5
- OOP
- Frappe
- AWS EC2
- Entity Framework 6
- C#
- mariaDB
- AWS S3
- WebForms
- WordPress
- Firebase
- Docker
- Windows Forms
- Angular Universal
- Angular Material Design

Design/Architecture Patterns:

- MVC
- MVVM
- Factory
- Repository
- Observer
- Decorator

Version Control System:

- BitBucket
- Github
- Gitlab

Continuous Integration/Continuous Delivery (CI/CD):

- AWS CodePipeline
- Mocha.js
- Chai.js
- Unit.js

Databases:

- MariaDB/MySQL
- MongoDB
- PostgreSQL

IDE and Methodologies:

- Visual Studio Code
- Web Storm
- Pycharm
- Agile/Scrum/Jira

DATA ANALYTICS/ DATA SCIENCE SKILLS:

Tools/Languages & Libraries:

- Python
- SciKit-Learn
- Matlab
- Regression
- NumPy
- Matplotlib
- TensorFlow
- Classification
- Pandas
- Scala
- Scrapy
- Clustering
- SciPy
- Jupyter
- URLLIB
- Statistics
- Apache Spark
- Beautiful Soap

EXPERIENCES:

Zameen Media Pvt Ltd (zameen.com)

Software Engineer

Lahore, Pakistan

July 2018- Present

Leads Management System

Lead Management System (LMS) is the Application portal for Zameen Telesales Employees. Leads generated by Facebook campaign or other Social Media Platforms gathered into this system where Telesale leads assign different campaigns to their team members in different shifts. After that Telesales Team contacts with Actual person through calls and ask client about requirements and confirm orders.

My Role as a Node.js Developer in this Application was to write SQL queries and build REST APIs using Node.js, Express.js, and Objection.js

Programming Languages: Node.js, Express.js, Objection.js, Angular, MySQL.

ERPNext (erpnext.com)

(ERP) is the integrated management of core business processes. At Zameen.com, we are migrating previous system to ERP Solution as we are customizing ERPNext (A Famous Open Source ERP) to migrate data. Human Resources Module is the company's prime concern to develop for all companies under EMPG. The Human Resources (HR) Module covers the processes linked to managing a team of co-workers. Most important feature here is processing the payroll by using Payroll Entry to generate Salary Slips. It also maintains a complete employee database including contact information, salary details, attendance, performance evaluation, and appraisal records. **My key responsibilities** are to customize system according to requirements, override default features and write workflows.

Sub-Modules: Leave Management, Payroll, Appraisal, Loan Management, Training, Recruitment, Shift Management, Fleet Management, Daily Work Summary, Human Resources Reports, Employee And Attendance, Employee Lifecycle, Travel And Expense Claim

Leveraged Knowledge: Bitbucket, Python, JavaScript, Frappe, Redis, MariaDB, Database Optimization, Query Optimization, ORM, and Docker, ERPNext Development

BrainPlow (brainplow.com)

Full Stack Developer & Team Lead

Lahore, Pakistan

Aug 2017- Aug 2018

CourseFrenzy (coursefrenzy.com)

CourseFrenzy is an Auction Marketplace to connect Instructors and Students together for worldwide learning experience. Courses can be Sold, Bought, and bid courses. CourseFrenzy assists the user through a trusted, neutral, time and money saving learning experience. Cutting to the chase, CourseFrenzy is the Online Courses Universe. **My responsibilities** were to communicate business requirements with clients, requirements gathering, give insights back to my teams, manage team & support them technically and develop APIs in Python Django and Implement API's on Frontend using Angular.

Programming Languages: Python Django, Rest APIs (REST Framework), Web Sockets, Postgres(SQL)
Angular 5, Angular Universal, Angular Material Design

WhattExpert.AI (wattexpert.ai)

WhattExpert.AI is a platform to help Energy Providers in the United States to maximize their Sales Revenue by showcasing their product packages on a well-maintained platform i.e. WhattExpert.AI. As a team lead, **my key responsibilities** were to understand requirements from clients and provide them with possible solutions, manage teams who were working in two different cities of Pakistan and support them technically. Write scrapers to crawlers and scrap data from different energy providers website's to list on wattExpert.ai

Programming Languages: Python Django, Rest APIs (REST Framework), Web Sockets, Postgres(SQL)
Angular 5, Angular Universal, Angular Material Design

The Skill Leaders (theskillsleader.com)

Full Stack Developer & Team Lead

Faisalabad, Pakistan

Jan 2016- Mar 2016

GigHub

A Portal For Artist or singers where they can upload their newsFeeds with audience and audience can follow and see upcoming gigs of that Artist. **My responsibilities** were to build Rest APIs and build frontend and integrate API's.

Programming Languages: ASP.NET MVC, Entity Framework, HTML5, CSS3, JQuery, Javascript, Bootstrap

EDUCATION:

Government College University Faisalabad, Pakistan
BS(Computer Science) CGPA: 3.64/4.0

Punjab, Pakistan
Sep 2013 - Nov 2017

Major Programming Courses: Data Structures, OOP, Database Management Systems, Software Engineering, Visual Programming, Web Application Development.

Major Software Engineering Courses: Operating Systems, Software Engineering I/II, Web Design and Development, Digital Logic Design, Computer Network.

Final Year Project: Billboard Digitization Web Portal

A web Portal where users can advertise their products in different cities of Pakistan by utilizing subscribed time slots. Portal offered three main campaign catalog to user; Basic, Silver and Gold. All billboards were connected through RaspberryPI and an active internet connection was installed to load and display ads accordingly. This portal can be handled by three main roles: Admin, Area Manager and end user.

Programming Languages: ASP.NET MVC, Entity Framework, HTML5, CSS3, JQuery, Javascript, Bootstrap

Government College University Faisalabad, Pakistan
CS(Intermediate in Computer Science)

Punjab, Pakistan
July 2011 - Aug 2013

Major Courses: Mathematics, Statistics, Computer Science

CERTIFICATIONS AND COURSES:

- The Complete ASP.NET MVC 5 Course
- Entity Framework in Depth: The Complete Guide
- What is Data Science? ([Certificate](#))
- Python for Data Science ([Certificate](#))
- Open Source tools for Data Science ([Certificate](#))
- Machine Learning with Python ([Certificate](#))
- International English Language Testing System(**IELTS**)

LANGUAGES:

- English — Professional Working Proficiency
- Urdu — Native

INTERESTS:

- Keen to learn new tools and technologies
- Badminton , Foosball and Football

**** REFERENCES WILL BE PROVIDED ON DEMAND****