Muhammad Zarar Ashraf

Software Engineer · Full Stack Developer · 2 Years Experience

I am a dedicated and detail-oriented software engineer experienced in developing applications, databases, and cloud solutions. I am a team player, adept at problem-solving and troubleshooting, and committed to meeting tight deadlines with high-quality code.

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Technical Skills

Languages

C#, JavaScript, Python, SQL, HTML/CSS

Frameworks

.NET Framework, ASP.NET Core Web API, ASP.NET Core MVC, Django

Libraries

React 18, Boostrap, Scrapy, Selenium

DBMS

MS SQL Server, PostgreSQL

Misc.

Git/GitHub, SVN Tortoise, Postman, JIRA, MS Office

Integrated DEs

Visual Studio, VSCode

Work Experience

2021-11 - 2023-08

Software Engineer

NETSOL Technologies Ltd.
NETSOL Avenue, Main Ghazi Road, Lahore.

- Coordinated with other engineers to evaluate and improve software interfaces and performance.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Developed robust, scalable, modular and API-centric infrastructures.
- Integrated third-party APIs seamlessly into the company's products, enabling clients to leverage additional functionalities.

2021-04 - 2021-09

Web Developer / Scraper

VisualSync
31D, C3, Gulberg-III, Lahore.

- Conducted web scraping using Scrapy, Selenium, and Python's Requests library.
- Customized HTML, CSS, and JavaScript for client projects, enhancing speed and user experience.
- Ensured high website availability by managing hosting and domain registration.

Affiliations

- Yamaha US
- Mercedes-Benz Japan
- Mercedes-Benz Korea
- Kubota New Zealand
- MotoLease Group US
- SCI Canada
- Vinfast Chassis Canada

Certifications

- PCAP: Programming Essentials in Python, March 2023
- English Language Proficiency Certificate, April 2021
- Character Certificate, April 2021

Interpersonal Skills

- Communication
- Collaboration
- Problem-solving
- Adaptability
- Time management
- Teamwork
- Creativity

References

Available upon request.

Education

2017-04 - 2021-04	**Bachelors of Science: Computer Science**

Virtual University of Pakistan
M.A. Jinnah Campus, Defense Road, Lahore.

- **Relevant Coursework:** Programming Fundamentals, OOP, Data Structures and Algorithms, Software Engineering, Web Design & Development, DBMS.
- **Final Year Project:** Rx for everyone, ASP.NET MVC web app that facilitates medicine donation by allowing users to list and request medications. It also helps collect and distribute donated medicines to those in need, potentially by partnering with healthcare providers.

Projects

Contract Management System
NETSOL Technologies Ltd.

Contract Management System (CMS) is used by financial institutions to manage their leasing & financing contracts. The CMS is a desktop-based application that provides features for contract origination, servicing, & end of-term management.

Roles and Responsibilities:

My responsibilities included developing new features, performing bug fixes & collaborating with cross-functional teams to improve the system's functionality & performance.

Tools and Technologies:

C#, .NET, WPF, and SQL.

Customer Services Interface
NETSOL Technologies Ltd.

The Customer Services Interface (CSI) module is responsible for retrieving all the contract information for the business partner, including general details, asset info, & partners. The module allows for quick communication of processing results to customers for early termination, redemption, & other requirements.

Roles and Responsibilities:

My responsibilities included developing new features, performing bug fixes & collaborating with cross-functional teams to improve the system's functionality & performance.

Tools and Technologies:

React.js, and ASP.NET Web API.