Rashda Nazeer

Nationality: Pakistani   **Date of birth:** 19/07/1993   📞 **Phone number:** (+92) 03226656466

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📍 **Home:** Multan, Pakistan, 60000 multan (Pakistan)

ABOUT ME

A highly-motivated software engineer with extensive experience in developing and integrating payment methods, I have a proven track record of delivering robust and efficient payment solutions. With expertise in both Django and JavaScript, I have successfully integrated various payment methods including Visa/Master Card, Easy Paisa, Jazz Cash, Stripe, and Paypal into multiple projects. My in-depth knowledge of payment gateway APIs and security protocols, combined with my strong problem-solving skills and attention to detail, have enabled me to consistently deliver high-quality payment systems that meet the specific needs of each project. I am highly motivated, dedicated to producing outstanding results, and eager to bring my expertise to your organization.

EDUCATION AND TRAINING

MS COMPUTER SCIENCE
Muhammad Nawaz Shareef University of Agriculture Multan, Pakistan [25/09/2019 – 25/10/2021]

Address: Old shujabad Road, 66000 Multan (Pakistan)
Website: www.mnsuam.edu.pk
Field(s) of study: Education

BS INFORMATION TECHNOLOGY
Bahauddin Zakariya University [25/09/2012 – 22/09/2017]

Address: 66000 Multan (Pakistan)
Website: www.bzu.edu.pk

HIGHER SECONDRY SCHOOL CERTIFICATE
Punjab Board of Technical Education Lahore [31/05/2010 – 28/01/2012]

Address: 54000 Multan (Pakistan)
Website: www.pbte.edu.pk

SECONDARY SCHOOL CERTIFICATE
[25/01/2008 – 27/07/2009]

Address: 66000 Multan (Pakistan)

Professional Education
Regional Campus, Allama Iqbal Open University, CF-7,Shah Rukn-e-Alam Colony, Near Thana Stop MULTAN [28/09/2017 – 28/09/2019]

Address: 22222 Multan (Pakistan)

WORK EXPERIENCE

Lecturer
MNSUAM Muhammad Nawaz Sharif University of Agriculture Multan [09/09/2022 – Current]

City: Multan
Country: Pakistan

1. Teach Programming Fundamentals and data Cyber Security with AI courses to underclassmen as part of university's general education core curriculum
2. Participate with other department faculty members in offering advanced computer science courses to students pursuing bachelor's degrees in fields related to computer Vision and Networking

3. Instruct and mentor individual applied technology and computer science majors as they work their way through each departments' undergraduate programs
4. Assist department staff in managing and maintaining the university's main computer lab, working rotating shifts to ensure it remains open for students during both day and evening hours
5. Coordinate with faculty as well as outside personnel in discussing research opportunities, and represent department in requesting funding from university finance department and private donors
6. Develop curriculum to be used by department staff and to be published and shared with other academic institutions
7. Work with department chair as well as university admissions department annually to arrange class schedules for each academic semester
8. Maintain regular office hours during the academic semester to be available to meet with students individually when needed

Software Engineer
Merik Solution (PVT) Limited an IT based company located in Islamabad [01/09/2017 – 31/10/2019]

City: Islamabad
Country: Pakistan

I have worked as Software Engineer at Merik Solution (PVT) Limited and also support development teams on different projects. I wore multiple hats and have worked on different projects in highly interdependent team structures. I had multiple responsibilities while working at Developer at Merik Solution. Some of them are mentioned below:
Responsibilities:
1. Worked collaboratively with clients in an agile development and swiftly introduced new features.
2. Designed System architecture and developed WEB API's for multiple project using Python (Django, FastAPI) and also Integrated Payment APIS in different projects.
3. Integrating various payment gateways such as PayPal, Stripe, JazzCash, EasyPaisa, Visa/MasterCard, Omni and Authorize.net into e-commerce applications.
4. Implementing secure payment methods using SSL encryption and PCI DSS compliance to protect sensitive user information.
5. Developing custom payment solutions using APIs to meet the unique requirements of clients.
6. Designing and implementing automated billing and payment systems for recurring payments.
7. Collaborating with cross-functional teams, including product managers and security experts, to ensure seamless integration of payment methods into overall system design.
8. Testing and debugging payment integrations to ensure smooth transactions and minimize errors and failures.
9. Staying up-to-date with the latest developments in payment methods and technologies to continuously improve the user experience.
10. Experience Building high performance and scalable services for health industry using python.
11. Documented codebase as well as technical and operational aspects of the projects

Teacher of science in secondary schools
[31/05/2018 – 30/07/2020]

City: Multan
Country: Pakistan

- Planning lessons and activities that facilitate students' acquisition of basic and advanced computer skills.
- Instructing in a manner that develops students' confidence in their abilities.
- Observing and managing classroom dynamics.
- Invigilating and grading projects, quizzes, and examinations.
- Tracking and communicating students' advancement throughout the course.
- Ensuring that the computer laboratory remains free from food and drink at all times.
- Downloading important software updates and maintaining hardware.
- Attending parent-teacher and faculty conferences.

Computer instructor

[30/09/2017 – 29/11/2018]

City: Multan

Country: Pakistan

- Planning lessons and activities that facilitate students' acquisition of basic and advanced computer skills.
- Instructing in a manner that develops students' confidence in their abilities.
- Observing and managing classroom dynamics.
- Invigilating and grading projects, quizzes, and examinations.
- Tracking and communicating students' advancement throughout the course.
- Ensuring that the computer laboratory remains free from food and drink at all times.
- Downloading important software updates and maintaining hardware.
- Attending parent-teacher and faculty conferences.

PROJECTS

"HUNAR.COM"

[01/06/2018 – 31/12/2019]

"HUNAR.COM," an online platform that connects Individuals having the desired skills and abilities to undertake any work/skillset selected ("HUNARS") to Users/consumers who view and access HUNAR.COM seeking the services of HUNARS ("USERS"). The term "You" or "Your" or "HUNAR" shall refer to any such Individual, Skilled worker, laborer, Sole proprietor, company or any person who registers on HUNAR.COM as a HUNAR.

1. RESTful web portal developed using Django/Djangorestframework
2. Client Side was developed using JavaScript
3. Used PostgreSQL Database
4. In this project, I was responsible for adding payment method integration for Visa/MasterCard and Easypaisa. The project was an e-commerce platform and required the integration of these payment methods to process transactions securely and efficiently.
5. To integrate the payment methods, I implemented the following steps:
    a. Implemented SSL encryption to ensure the secure transmission of sensitive user information.
    b. Registered the platform with the relevant payment gateways, such as Authorize.net for Visa/ MasterCard and Easypaisa for local payments.
    c. Developed custom APIs to interact with the payment gateways, allowing for seamless integration into the overall systems
    d. Tested and debugged the integration to ensure that all transactions were processed accurately and securely.
    e. Collaborated with the UX/UI team to integrate the payment methods into the platform's checkout process, ensuring a seamless user experience.

"Bus Reservation System "

[25/09/2018 – 05/06/2019]

Bus Reservation System Project in Python Django is a fairly simple system written in Django, SQLLite3, and Python that is intended to automate the purchase of online tickets through an easy online bus booking system. You can manage/book reservations, client info, and passenger lists with the bus ticket reservation system's Django admin, and book tickets easily via the Bus reservation Website.

1. RESTful web portal developed using Django/Djangorestframework
2. Client Side was developed using AngularJs
3. Used PostgreSQL Database
4. Registered the bus reservation system with the relevant payment gateways, such as Authorize.net for Visa/ MasterCard and Easypaisa for local payments.
5. Implemented a user-friendly checkout process that allowed users to easily select their preferred payment method and complete the transaction process in a few simple steps.
6. Designed and implemented a system for tracking and reporting on payment transactions, including successful payments, failed transactions, and refunds. This helped the bus reservation system to monitor the performance of the payment methods and identify areas for improvement.

7. Provided ongoing technical support to ensure that the payment methods continued to function smoothly and resolve any issues that arose.
8. Stayed up-to-date with the latest developments in payment technology and made recommendations for new payment methods that could be added to the bus reservation system in the future.

Online Job assignment system for organization
[26/02/2016 – 26/09/2017]

We define communicating network sites, Alerts software's as web-based service. These networking sites allow users to communicate with people, share ideas, activities, events, and interests within their individual networks. Social network sites such as My Space, Face book, and Google+ have attracted millions of users, many of whom have integrated these sites into their daily practices. The name of my project is Today job assignment For Employees of Cashman fabric Industries Multan.

Link: https://drive.google.com/drive/folders/1IWv3W89yYDOZXh-jL2i30kC3F3qyzxRw?usp=sharing

DIGITAL SKILLS

Operating System (windows, Linux, Ubuntu) / Machine learning, Deep learning ,Networking / Python / C++ / Java / Django , DjangoRestFramework / Wordpress Elementor / Django/fastAPI / Databases Administration (MYSQL Oracle MS) / Javascript / Apis / JSON / Matlab / TensorFlow

RESEARCH

Determination of Fruit Maturity stages in strawberry Cultivar chandler using deep learning
[28/02/2021 – 29/09/2021]

we offer an automated strawberry identification and classification system for the Chandler strawberry variety. When strawberry was present in the field, the proposed system identified it. The testing results indicated that the suggested approach provided more precise parameter measurements and information about strawberry identification and classification in the field. Additionally, this technology is capable of processing thousands of strawberries in a short period of time, decreasing the need for researchers to use destructive methods for strawberry identification and speeding the maturity stage assessment process. The system would be beneficial to the agricultural sector. In the future, we will develop a vision-based system capable of classifying more crops.

Link: https://colab.research.google.com/drive/1cXhj79G4TdnhL8RMud5bOVPqxBSOZRc8?usp=sharing

INTEREST AND HOBBIES

Interest and Hobbies

- Artistic activities such as painting or graphic design
- Community service
- Outdoor activities
- Playing an instrument
- Team or individual sports
- Travel
- Woodworking or other projects
- Writing or blogging
- Gaming
- Nature
- Social causes
- Foreign languages
- Topical blogs or research
- History