

Rao Muhammad Zubair Saleem

Software Engineer

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Professional Summary

Dedicated Software Engineering student with expertise in Python, Java, C++, and SQL. Experienced in developing web applications, recommendation systems, and database projects. Seeking a software engineering internship to apply skills in software development and AI, contributing to innovative solutions. Fast learner with strong problem-solving and teamwork abilities.

Education

Bachelor of Science in Software Engineering

National University of Technology (NUTECH), Islamabad, Pakistan

September 2023 – Present

- Relevant coursework: Data Structures and Algorithms, Object-Oriented Programming (Java), Database Management, Artificial Intelligence, Networking, Information Security, Software Engineering Fundamentals, Probability, Calculus, Multivariable Calculus

- Expected Graduation: June 2027

FSC Pre-Engineering

Govt. Model Science College, Muzaffarabad, Kashmir

2020 – 2022

Matriculation (Science)

Green Leads School System, Rawalpindi, Pakistan

2018 – 2020

Hifz-ul-Quran

Madrassa Medinah-tul-Uloom, Juharabad, Pakistan

2015 – 2018

Experience

Management Team Member (Volunteer)

NUTECH Punjab Student Council, Islamabad, Pakistan

September 2024 – Present

- Organized 5+ university events, coordinating with 10-member teams to manage logistics, schedules, and promotions, increasing attendance by approximately 20%.
- Collaborated with peers to plan and execute technical workshops, ensuring efficient resource allocation and timely delivery.

Academic Projects

Food Recommendation System

NUTECH University, Islamabad, Pakistan

January 2025

- Developed a machine learning-based food recommendation system using Python and scikit-learn, leveraging user preferences to suggest personalized meal options.
- Implemented data preprocessing and collaborative filtering, achieving 85% accuracy in recommendations for 50+ sample users.

Music Recommendation System

NUTECH University, Islamabad, Pakistan

December 2024

- Built a music recommendation system using Python and SQL, integrating Spotify API to analyze user listening habits.

- Designed database schema to store user profiles and song metadata, optimizing query performance for 1,000+ entries.

Property Rental Web Application

NUTECH University, Islamabad, Pakistan

January 2024 – May 2024

- Engineered a web application using Python, Django, MySQL, HTML, CSS, and JavaScript, enabling users to browse and list rental properties.
- Implemented user authentication and search functionality.

E-Commerce Platform Prototype

NUTECH University, Islamabad, Pakistan

September 2023 – December 2023

- Developed CLI based e-commerce platform using Java and SQL, featuring product listings, cart management, and order processing.
- Designed relational database to manage 100+ products, ensuring efficient data retrieval and storage.

Domino's Website Clone

NUTECH University, Islamabad, Pakistan

January 2024 – March 2024

- Created a responsive website clone using Figma replicating Domino's user interface for menu navigation and order placement.
- Added new features for better Customer experience.

Skills

- Programming Languages: Python, Java, C++, SQL
- Web Development: Django, HTML, CSS, JavaScript
- Tools and Platforms: Figma, Canva, Cisco Packet Tracer, Wireshark, MySQL

- Technical Skills: Data Structures, Object-Oriented Programming, Database Management, Artificial Intelligence, Networking
- Soft Skills: Time Management, Team Collaboration, Problem-Solving

Certifications

- AWS Cloud Technical Essentials, Amazon Web Services (Coursera), 2025
- Prompt Engineering for Everyone, IBM Developer Skills Network (cognitiveclass.ai), 2024
- Organizational Behavior: How to Manage People, IESE Business School (Coursera), 2025

Additional Information

- Languages: Urdu (Native), English (Fluent), Punjabi (Conversational)
- Interests: Literature, Public Speaking, Badminton