

MUHAMMAD TALAL BIN NADEEM

Software Engineer



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EXPERIENCE



SOFTWARE DEVELOPMENT INTERN

Hotel Key | 2023 - Present

- Developed and implemented Java-based solutions, contributing to the successful delivery of critical projects, resulting in a 20% increase in system efficiency.
- Collaborated with a team to troubleshoot and debug Java applications, ensuring smooth functionality and performance, leading to a 15% reduction in application crashes.

PROJECTS



Email Spam Detection Using Machine Learning - Python, TensorFlow, Google Collab

- Analysis of different types of Neural Networks to produce actionable insights, driving process improvements.
- Modeled a Artificial Neural Network (ANN) to detect spam messages and compared the effectiveness of the model against Navies Bayes Classifier

Parakeet - Flutter, DART, Android Studio, XML, Firebase

- A Language Learning App designed to provide a platform for language learners to access basic and advanced tutorials, quizzes, and to interact with each other through public threads and one-to-one video meetings.

EduTrack Pro - Java, JavaFx

- Developed an Outcome-Based Education (OBE) system using Java and JavaFX.
- Implemented functionality to manage courses, CLO's (Course Learning Outcomes), evaluations, and questions.
- Created features to add, remove, and update entities within the system. Designed and developed the business layer to ensure proper functionality and data handling.

CareNet - .NET CORE, C#, ASP.net, Visual Studio

- Developed a comprehensive hospital management system using .NET Core, providing streamlined healthcare operations.
- Designed and implemented modules for patient registration, appointment scheduling, and electronic medical records.
- Integrated features for managing patient demographics, medical history, and treatment plans within the system.



EDUCATION

B.SC. COMPUTER SCIENCES

FAST-NUCES, Lahore, Pakistan | 2020 - 2024

GPA: 3.3

- Artificial Intelligence (Python), Data Structures & Algo (C++), Software Design & Analysis (Java), Computer Networks, Cloud Computing.

A LEVELS

Beaconhouse | 2018 - 2020

GPA : 4.0

- Computer Sciences, Math, Physics

TECHNICAL SKILLS



Python



TensorFlow



VueJs



C#



Flutter



Java



Cpp



MySQL



INTERESTS



Music



Photography



Coffee



Motorcycles



Drawing