


Abdul Rafay Chohan

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Summary

Currently, working as an Associate Software Engineer Intern at EIX (Enterprise Information Xperts), where I've been diving into Java-based services and OTMM services.

I have a strong passion for coding and solving real-world problems. I have hands-on experience with Python, ML, C++, Java, App Dev, Unity, PHP, HTML, CSS, and SQL, and I've enjoyed building a variety of projects. I'm always eager to learn and grow, and I'm looking for opportunities where I can further develop my skills and make a meaningful impact.

Technical Skills

- App Dev
- Cascading Style Sheets (CSS)
- HTML
- Database(SQL)
- Python
- Java
- C++
- PHP
- Object-Oriented Programming (OOP)
- Data Structures (DSA)

Education

 **National University of Computer and Emerging Sciences**

Bachelors in Computer Science (2021-2025)

 **PakTurk**

Intermediate, Pre-Engineering (2019 -2021)

Experience

Associate Software Engineer

EIX (Enterprise Information Xperts)

Jan 2024 - Present (8 months)

Currently working as a Software Intern at EIX. In this position I have acquired experience in Java and OTMM services. Worked on various tasks related to DAM(Digital Asset Management) services.

Machine Learning Intern

Digital Empowerment Network

Aug 2024 – Sept 2024 (1 month)

Did multiple ML Projects:

House Price Predictor: Developed a predictive model using Linear Regression to estimate housing prices. Handled data preprocessing, including missing values, feature scaling, and label encoding for categorical variables.

Spam/No Spam Classifier: Built classification models using Naive Bayes and SVM to filter spam emails. Performed text preprocessing (tokenization, stopword removal, and TF-IDF vectorization) and evaluated model performance.

Churn Predictor: Created a customer churn prediction model using Linear Regression and Random Forest algorithms. Conducted data cleaning, feature engineering, and implemented missing value handling for improved model accuracy.

CNN Image Classifier: Implemented a basic CNN model with 3 convolutional and pooling layers to classify images from the CIFAR-10 dataset. Preprocessed the image data and fine-tuned the model with regularization techniques.

Game Dev Intern

M-Labs

Jun 2024 – Aug 2024 (3 months)

Did Mobile Game Development using Unity and C#. Developed a mobile game in this period which used a lot of nostalgic mechanics from games like angry birds and ricochet kills bringing a fresh and new game for players to enjoy

Projects

LifeSync (Android App)

February 2024 - May 2024 (4 months)

Designed an Android Application using Java. The app focuses on enhance QOL, especially for people with ADHD.

Arc Encrypt (Android App)

June 2024

Designed a message encryption Android app using Java. Encryption was done using a coprime encrypting algorithm.

Rescue Shelter Management System (Web Dev)

Jan 2023 - May 2023 (5 months)

Designed a Management System for an Rescue shelter using PHP, MySQL for Backend & HTML/CSS for Frontend.