ABDULLAH SUBHANI

ASSOCIATE JAVA DEVELOPER

Lahore, Pakistan | +92-340-3495780 | mabdullahsubhanii@gmail.com | in/mabdullah-subhani | github.com/mabdullah-subhani

Java Developer with 1 year of experience at Inov8, focusing on Core Spring, REST/SOAP services, and socket protocols. Contributed to fintech solutions used by top Pakistani banks such as Meezan Bank, Bank of Punjab, JS Bank, and AKBL. Experienced in third-party API integration, scalable backend development, and cross-team collaboration. Passionate about writing clean code and building reliable software systems in dynamic environments.

SKILLS

Programming: Java | HTML, CSS, JS | React | Python | Dart, Flutter | C++

Tools: IntelliJ, ActiveMQ | PyCharm, Weka, Colab, Jupyter Power BI | Andriod Studio, FlutLab | Visual Studio | Jira, GitHub

Libraries & Frameworks: Spring Boot | REST, SOAP | Hibernate | JPA | Eureka, Feign Client | RabbitMQ | Kafka | Resilience4j

Databases: SQL Server Management Studio | Firebase | SQLite | MongoDB | PostgreSQL

WORK EXPERIENCE

Software Engineer, Inov8 Limited **Sep 2023 - Nov 2024**

- Worked on core **Spring (Boot/MVC), REST/SOAP** web services, and socket protocols across various fintech projects within the integrations team.
- Developed and maintained integrations used by major **Pakistani banks** including **Meezan Bank, Bank of Punjab, JS Bank, and AKBL,** with extensive hands-on experience in third-party API design, development, and integration.

ACADEMIC PROJECTS

Augmented Reality Visualizer *(Final Year Project)*

github.com/mabdullah-subhani/ar-visualizer

- Developed a full-featured cross-platform mobile application using **Flutter** and **Firebase**, allowing users to visualize and customize furniture, decor, and layouts in real-world spaces through immersive augmented reality experiences.
- Utilized libraries like **augmented_reality_plugin** and **model_viewer_plus** to implement advanced AR features, ensuring seamless object interaction and dynamic user experiences.

Chronic Kidney Disease Prediction

github.com/mabdullah-subhani/ckd-prediction

- Developed a predictive model for Chronic Kidney Disease (CKD) using machine learning techniques on a Kaggle-sourced dataset. Implemented preprocessing methods like **KNN imputation**, **MinMax scaling**, and **RandomOverSampler** to ensure accurate predictions, achieving **100% accuracy** with both **Random Forest** and **AdaBoost** classifiers.
- Utilized **AdaBoost** for its robust predictive capabilities and **Flask** for deploying the model, enabling real-time CKD prediction via a web application for practical healthcare decision-making.

Hand-Sign: Multi-class Classification

github.com/mabdullah-subhani/hand-sign-classification

- Developed a multi-class **CNN model** to recognize hand signs in **American Sign Language**, achieving **97% accuracy** to aid communication for speech-impaired individuals. Implemented data preprocessing, model evaluation, and saving/loading functionality for future predictions on a Kaggle-sourced dataset.
- Used **TensorFlow**, **Keras**, and **scikit-learn** to build the model with Conv2D, MaxPooling2D, and Dense layers, applying techniques like early stopping and dropout regularization, and visualized performance using **Matplotlib** and **Seaborn**.

AI Maze Solver with Automatic Dependency Installation

github.com/mabdullah-subhani/ai-maze-solver

- Developed an AI-powered maze solver using **A*** algorithm, integrated with **Pygame** for visualization, and implemented a feature to automatically install missing libraries for smooth execution via an executable file.
- Utilized libraries like **Pygame** for GUI, **heapq** for pathfinding, and **random** for maze generation, ensuring a seamless runtime experience with auto-installation of dependencies.

EDUCATION

March 2021 - Jan 2025

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS)

Bahria University Lahore

LANGUAGES

Urdu: Native or Bilingual Proficiency **English:** Limited Working Proficiency **Chinese:** Basic Proficiency