Muhammad Akbar

Date of birth: 12/01/2004 | **Nationality:** Pakistani | **Phone number:**

(+90) 05428469534 (Mobile) | **Email address:** Muhammadakbartr11@gmail.com |

Address: seftali sokak, 14 daire, ormanli cd , Avcilar, 34000, Istanbul, Türkiye (Home)

EDUCATION AND TRAINING

07/03/2022 – CURRENT Istanbul
COMPUTER ENGINEER Istanbul Arel University

Website https://arel.edu.tr/ | **Level in EQF** EQF level 6

WORK EXPERIENCE

🏢 **BLUESENSE AI** – ISTANBUL, TÜRKIYE

SOFTWARE ENGINEERING INTERN – 07/02/2025 – CURRENT

Mobile Application Development: Developed cross-platform mobile applications using **React Native** and **Jetpack Compose** ,delivering seamless user experiences on both **iOS** and **Android**.
UI/UX Implementation: Translated design wireframes and mockups into functional mobile interfaces using **React Native components** and ensuring responsiveness and performance optimization.
State Management: Utilized **Redux** and **React Context API** for state management, ensuring smooth data flow and efficient communication between components.
API Integration: Integrated **RESTful APIs** and third-party services for dynamic content, real-time data, and push notifications in mobile applications.
Testing and Debugging: Conducted unit testing with **Jest** and **React Native Testing Library** to ensure application stability, and debugged issues using **React Native Debugger**.
App Deployment: Published applications to the **App Store** and **Google Play Store**, managing app lifecycle updates and maintaining version control.
Collaboration and Agile Development: Worked in an **Agile** environment, collaborating with designers, backend developers, and product managers to ensure timely delivery of features and improvements.
Smart Beauty *(Jetpack Compose - Android)*
Developed a beauty services app with a modern UI using Jetpack Compose. Focused on performance optimization and smooth UI interactions. Integrated AI and made flexible UI components.
Medical Home *(React Native - iOS & Android)*
Built a mobile healthcare app, integrated RESTful APIs, and implemented push notifications for real-time updates.

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C2
HINDI	C2	B1	C2	C2	C2
PUNJABI	C1	C1	C2	C2	C2
TURKISH	B2	B1	B1	B2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Data Science │ Data Collection, Data Processing, Data Analysis, Data Visualisation │ Node.Js, React.Js │ SQL │ Python │ Web Development (Python/Django) │ Machine Learing │ Deep Learning (Tensorflow, Pytorch(basic), Jax/Flax(basic)) │ Python (PyROOT, RDataFrame; ML: Keras, TensorFlow) │ Image Preprocessing and Image Classification │ Modeling: Linear and logistic regressions │ WEB; Web Developer │ Git, Git Hub, SVN │ Java Swing / Java FX │ JAVA SPRING │ C,C,C++ │ Microcontroller programming(STM32, PIC16F877a, Arduino) │ Programmazione Object Oriented

PROJECTS

01/09/2024 – 24/12/2024
Skin Disease Detection Classification

• Developed a CNN model for skin disease detection using the HAM10000 dataset with 97.75% test accuracy. • Enhanced model performance using dropout layers, data augmentation, and ensemble learning. • Deployed as a mobile app using TensorFlow Lite and Kivy

Link https://github.com/reprobateboffin/Skin-Disease-Detection-Application-Kivy-Tensorflow

06/06/2024 – 10/07/2024
Django Real Time Chat Application

• Developed a real-time messaging app with Django and WebSockets. • Stored chat history using SQLite.

Link https://github.com/reprobateboffin/Django-Discord-like-chat-app-StudyBuddy

12/07/2024 – 29/07/2024
Ecommerece Website using Django

Designed a responsive e-commerce platform using React and TailwindCSS. • Built a secure Django backend with PostgreSQL. • Integrated payment gateways, authentication, and admin dashboards.

Link https://github.com/reprobateboffin/Django-Ecommerce-website

NETWORKS AND MEMBERSHIPS

12/09/2024 – CURRENT Istanbul
Developer student's club , Arel University

HOBBIES AND INTERESTS

Literature

Mechatronics