

# Hamza Shaikh

## ANDROID DEVELOPER

SUKKUR, PAKISTAN. 65200.

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## PROFILE

Innovative and motivated Computer Science graduate skilled in Android development passionate about creating fast, user-friendly mobile apps. With expertise in Kotlin, Jetpack Compose, and Flutter, I excel at developing modern, feature-rich applications tailored to today's needs. My dedication to intuitive and visually appealing user experiences is guided by Human-Computer Interaction (HCI) principles, ensuring seamless and engaging journeys for users.

What sets me apart:

- Modern Android Development Expertise
- Focus on User Experience
- Delivery-Driven
- Collaborative Spirit

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## WORK EXPERIENCE

### Android Internee @RailFood

#### Internee

*Feb 2023 – March 2023*

- Assisted in the design and development of Android applications, gaining hands-on experience with the Android SDK and Android Studio.
- Participated in the troubleshooting, debugging, and optimization of existing applications.
- Collaborated with the QA team to identify and fix bugs, ensuring the overall stability of applications.

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## SUMMARY

Dedicated and detail-oriented Android Developer with over 1.5 years of experience in designing, implementing, testing, and maintaining innovative mobile applications. Seeking to contribute technical expertise and passion for cutting-edge mobile solutions in a challenging development role.

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## BS COMPUTER SCIENCE.

Sukkur IBA University, Sukkur  
Sindh Pakistan.  
Graduation: June 2024.

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## RELEVANT SKILLS

- C/C++, Java, kotlin, Python.
- Git, GitHub
- RESTful APIs, Retrofit
- XML
- SQLite, Firebase
- Team Collaboration, Problem Solving, Communication

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## PROJECTS

### CoinPay – Finance Tracking App

- Built and designed CoinPay, a finance tracking app using Jetpack Compose for a sleek UI and efficient tracking.
- Secured user data with Firebase for robust storage and privacy.
- Provided insightful financial analytics for better money management.

**Tools:** Kotlin, Jetpack Compose, Firebase

**Github:** [github.com/shaikhhamza00/Coin-Pay](https://github.com/shaikhhamza00/Coin-Pay)

### Wrist Minder Pro – AI-Powered X-Ray Analysis App

- Designed and developed the user interface (UI) using Jetpack Compose for a modern and intuitive experience.
- Implemented Material Theme 3 for a clean and visually appealing aesthetic.

**Tools:** Kotlin, Jetpack Compose, Material 3.

**Github:** [github.com/shaikhhamza00/WristMinderPro](https://github.com/shaikhhamza00/WristMinderPro)

### OptiDiagnostics: AI-Driven Early Diabetics Retinopathy Assessment

- Developed a web application for Diabetic Retinopathy (DR) screening using deep learning techniques.
- Implemented functionalities for user input of retinal scans and integration with deep learning models built with TensorFlow and Keras.
- Utilized U-Net and CNN architectures within the models to classify the presence of DR and segment affected regions in the retina.
- This project contributed to early detection of DR, potentially preventing vision loss in diabetic patients.

**Tools:** React, JavaScript, CSS, Firebase, Flask, HTML.

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## EDUCATION HISTORY

### BS Computer Science, Sukkur IBA University, Sukkur

August 2020 — July 2024

Attained an exceptional CGPA of 2.9/4.00 (72.5%), undergoing a rigorous program that prepared me for a stellar career in the tech industry.

#### Relevant Course Work:

Object Oriented Programming, Data Structures, Database Management, Computer Architecture, Web Development, Android Development, Design and Analysis of Algorithms, Artificial Intelligence, Computer Vision, Machine Learning, Enterprise App Development.

### Intermediate, Govt Superior Science College Khairpur.

August 2018 — May 2020

Marks: 731/1100