Ahmer A. Mughal
iOS & Android Engineer

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Work Experience

SwipBox
Islamabad, Pakistan

Software Engineer (iOS)
Sept 2022 - Present

- Developed new version of iOS app
- Contribution to SwipBox's iOS SDK
- Apple Watch app using Bluetooth
- **Technical Skills:** Swift, UIKit, WatchKit, Core Bluetooth, Core Animations, Git, Programmatic UI, Realm, AlamoFire, Localization
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills

CareCloud (MTBC)
Rawalpindi, Pakistan

Intern iOS Engineer
May 2021 - Sept 2022

- Collaborated in a team to develop Online Doctor's Consultation iOS Application
- Contributed to new version of employee portal iOS app
- UI and Unit Tests
- **Technical Skills:** Swift, UIKit, Unit-Tests, Twilio, Jitsi Calling, SignalR, Git.
- **Soft Skills:** Creativity, Teamwork, Communication, Logical Thinking.

Freelance
Rawalpindi, Pakistan

iOS & Android Engineer
Jun 2018 - Apr 2021

- Various freelance platforms
- Project acquisition
- iOS Android apps
- **Technical Skills:** Swift, Kotlin, Java, UIKit, FCM, Retrofit, Room, Realm, Lottie, AdMob, Location Services.
- **Soft Skills:** Organisation, Client-Dealing, Flexibility, Accountability, Time-Management.

Education

Bahria University
Islamabad, Pakistan

Bachelor of Computer Engineering
Sept 2018 - Jul 2022

- CGPA 3.69
- Graduated with Honors Cum Laude
- Head of IEEE Computer Society
- **Courses:** Software Applications for Mobile Devices, Data Structures & Algorithms, Artificial Intelligence, Software Engineering, Computer Architecture and Organization, Digital Image Processing, Digital and Logical Design, Database Management System

Hudson Valley Community College
Troy, NY, USA

A.S. in Engineering Science
Sep 2014 - Jul 2016

- Not completed because of visa issues

Guilderland High School
Guilderland, NY, USA

High School Diploma
Sep 2011 - Jul 2014

- GPA 89.19
- Won High School Multicultural Award

University Projects

Real-Time Object Detection with AR Annotation

Bahria University

- iOS mobile application
- Real-time object detection using Deep Learning
- 3D text annotation in Augmented Reality

Road Lane Line Detection

Bahria University

- Python with Computer Vision tecniques
- Canny Detection
- Hough Line Transform

Pharmacy Management System App

Bahria University

- CRUD APIs with Flask PHP
- MySQL Database
- iOS mobile application

Point of service mobile app

Bahria University

- Java Android application
- Inventory management
- Scanning barcode
- Cart management and receipt generation

Professional Projects

Centaurus (E-Commerce app)

Freelance

- iOS & Android
- Cart management
- Realm Database
- Fully Programmatic UI
- Payment Gateway Integration

Medicus (Doctor Consulation app)

Freelance

- iOS & Android
- Designed UI in Adobe XD

Looter (Classified Ads App)

Freelance

- Android
- Location Services
- Firebase & AdMob

Skills

Programming	Swift, Kotlin, Java, C++, Python
Tools	Xcode, Android Studio, Adobe Photoshop, Adobe XD
Technical Skills	UIKit, WatchKit, RxSwift, Combine, Turi Create, AR Kit, CoreML, Realm, Room, MVVM, Core Animations, Core Bluetooth, Core Location, Firebase, Git, Retrofit

Achievements

2022	**Silver Medalist,** Bachelors of Computer Engineering, Bahria University	*Islamabad, Pakistan*

Volunteering

Chair, IEEE Computer Society Chapter

Bahria University

- Organized multiple technical and non-technical events
- Workshops, Seminars, Programming Competitions
- Sports Olympiad, Social Events

Islamabad
09/2021 - 08/2022

References

Prof. Dr. Shehzad Khalid
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Bahria University, Islamabad
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