MUHAMMAD MOHSIN ALI
Senior Software Engineer

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📍 Islamabad, PK

SUMMARY

Computer Scientist with 5+ years of experience in the IT industry. I have been developing mobile and web apps since 2014. Coupled with analytical and technical skills in gathering system requirements, logical data & process modeling, use case modeling, and workflow modeling.

Superior knowledge of software development methodologies, frameworks, and Software Development Life Cycle (SDLC), with competencies in all phases of systems analysis and knowledge of client business technologies and processes. Able to manage multiple priorities against a shifting backdrop of information.

EXPERIENCE

Senior Software Engineer
Neuron Solutions

📅 02/2019 - Ongoing 📍 Islamabad, PK
🔗 Android Apps: https://cstu.io/d878c9, iOS Apps: https://cstu.io/17f8dc

Developed and deployed various successful products in the market with private and government sector organisations.

- **Sabzi Mandi Online, Plus** IOS & Android applications for food, grocery items, and farm-fresh vegetables/fruit delivery. With real-time order status tracking with SMS, store management and rider applications
- **Pakistan Research Database** helps individuals, professionals and institutions to access all research published in Pakistan
- **Mera Sona Gaon** a platform for brand activation campaigns in Pakistan. A platform for offline data collection capabilities.
- **HI HELP** an anonymous guidance platform and **LifeLine** mobile applications for volunteering services to assist citizens affected by the Covid-19 pandemic.
- **MiniMoney** a freelancing platform on Android which provides the opportunity to earn money by performing mini tasks.
- **Ring of Pakistan** pro wrestling company recognized by Pakistani Government working in accordance with international standards to develop and promote wrestling. I developed their social platform for wrestling fans and athletes, competitions, and multimedia sharing

Software Engineer
Content Studio, D4 Interactive

📅 03/2018 - 2018 📍 Islamabad, PK
🔗 http://ContentStudio.io, Android App: https://cstu.io/80e202

Powerful content marketing and social media management platform for publishers, brands, agencies, and, startups who want to share the best content consistently and increase their reach.

- Jazz XLR 8 product ContentStudio.io. Developed and launched ContentStudio mobile application used for content planning, automation, and social media management through Mobile. Have worked extensively on various social media mobile and web applications, Integrating and linking with Google+, Facebook, Linked.in, Instagram.

STRENGTHS

📱 **Android Native**
A lifetime lover of Android native and JVM. Jetpack and material design. UI/UX and animations.

 iOS/Swift Programming
Proficient in Swift, Storyboarding, XCode, Interface Builder, Instruments, Cocoa Touch, Objective C, and other iOS development tools

⊞ **Cross-Platform**
Windows SDK, Console Applications, C# WPF, Also Implemented Hybrid/Cross-Platform Remote Access tools and Metro-UI

⚙ **System Architecture**
Developing cloud-based, highly scalable backend systems. DevOps on Google Cloud Platform and Heroku.

SKILLS

Programming Languages, Tools & Technologies

iOS Swift	Cloud Functions	GCP
Java/Kotlin	Android Studio	Zeplin
Android Boilerplate	MVP	MVC
Dagger2	MMVM	C# / C / C++
Git / Jira	AWS / S3	Linux
Firebase	GeoQuery	python / JS
Fitness API	node JS	socket io
express JS	Flask Restful	twilio
Web RTC	Sinch/VoIP	

EXPERIENCE

Team Lead
Sectem Technologies
📅 06/2017 - 01/2019   📍 Rawalpindi/Lahore, PK

Provided technical leadership to development teams of 12 people in developing & deploying mobile and web technologies:
- **FastRide** a ride hailing mobile and web service similar to Careem & Uber in Karachi.
- **DoctorSahab** web and mobile platform for a local client.
- **Sajjen** food order and delivery application on Android.
- Event management platform for wedding planners and event organisers.
- Technologies: Java, with RXJava, Dagger 2, MVP, & Retrofit APIs with Android Studio. GeoFire & GeoQuery Techniques with Google Maps & Places APIs. Mean Stack React JS, Angular JS, & Mongo DB.

Back-end & Front-end Web Intern
WanClouds Inc.
📅 01/2017 - 06/2017   📍 Santa Clara, CA
🔗 https://wanclouds.net

WanClouds offers products and services to automate and solve challenges related to Cloud Migrations & Networking.
- **Shepherd:** Back-end Docker and Containers Security, OpenStack. Cloud computing with Scala, Python, Django, XML parsing and Flask.Front-end Web development React JS, Node JS & HTML 5, CSS, & J-Query
- **InfoSec**: Implemented Intel Hardware Security with TPM(Trusted Platform Module) and Intel Trusted Execution Technology (TXT) to ensure file integrity and root escalation prevention.

EDUCATION

Bachelors in Computer Science
COMSATS University Islamabad
📅 2013 - 2018   📍 Park Road
- Developed final year project: C.H.A.R.L.I.E.E. an Android & Remote Desktop-based C# application providing access to manage, schedule & optimize a windows computer & monitor its resources remotely from anywhere in the world with AI assistance & control of the computer system. Load-Shedding(Automated power outage scheduling) & remote power management features as well as an A.I. voice assisted platform for having a "Conversation with your computer"

(HSSC) ICS
Punjab College of Information & Technology F-8/4 Islamabad
📅 2011 - 2012
- Major Subjects Physic, Mathematics and Computer Science.

(SSC) Matriculation
IMCB I-8/3 Islamabad.
📅 2009 - 2010

SKILLS

Database Management Systems

SQL Server   MongoDB   PostgreSQL

Realm   Firebase Realtime Database

Firebase Cloud Firestore   SQLite

Internet of Things

Raspberry Pi 2 and 3   ESP8266

Arduino   AWS IoT

Information security enthusiast

MITM   Phishing   Remote Access

LANGUAGES

English
Native - Excellent verbal and written communication skills

Urdu
Mother Language

ACHIEVEMENTS

Mobile Application Development Competition - Softec - 2018
Won the Spring 2018 Mobile Application Development at annual Softec Fast University (Nuces) Lahore.

PASSIONS

A poet and an aspiring writer at heart
- I love playing table tennis and basketball. I really like riding my bicycle around Islamabad and the Margalla Hills.
- I am an inspirational writer, motivational speaker and have a passion for content writing, blogging, and vlogging
- I have a heart full of soul that sings and rhymes, lyrics, rap music, motivational quotes, and short stories.