

# Mohammad Irshad

Email: [mijrashid@gmail.com](mailto:mijrashid@gmail.com) | Mobile: 03333825470 | Address: North-Nazimabad, Karachi

LinkedIn: <https://www.linkedin.com/in/mohammad-irshad-535a45166/>

## Education

- |  |                      |
|--|----------------------|
| <b>SZABIST (KARACHI)</b>                   | (Aug 2014- Aug 2018) |
| • Bachelor of Computer Science             |                      |
| <b>Whales College Karachi</b>              | (Aug 2012- May2014)  |
| • GCE A Levels                             |                      |
| <b>The City School (Karachi, Pakistan)</b> | (Aug 2008- May 2011) |
| • Computer-Science (O-levels)              |                      |

## Project and Experience

### CLOUD BASED EXAM EVALUATION SYSTEM (Aug 2017- May 2019)

#### Description of the project:

The project was an exam evaluation system that is implemented at SZABIST the project was able to help student to perform the programming exam on the on IDS of the respective programming language provided by the web application. The ids were created by exposing the bash shell of the containers on Linux on web. Each student was granted unique IDE to perform coding exam. The database that was used was Mongo dB for authentication protocols. The entire web application was constructed on Nodejs and was deployed on Linux server. It was similar to online cloud coding environment. Technology used: NODEJS, MONGODB,LINUX CONTAINERS(LXD).

### FINGER PRINT BARRIER (Aug 2017-Dec 2017)

#### Description of the project:

The project was basically the cloud based android application that was used to control the barrier that allow the car to pass through. The user needs to swipe his finger on the application (if authenticated) the barrier is lifted up and allow user to pass on. The barrier instantly close when the car has been passed. Each driver will have a unique id that matches his or her finger print and will be authenticated to life the barrier to pass the car if he is in the particular geo location. Technology used: ANDROID,GOOGLE FIREBASE,RASPBERRY PIE,PHYTHON.

### CYBER SECURITY E-LEARNING APPLICATION: (Jan 2018- May 2018)

#### Description of the project:

Created an application for cyber-security awareness and learning for a company on the bases of **FFIEC** standards and guidelines. The application was made to create an awareness for every levels of employee from CEO, MANEGER and a normal employee. This application helped the entire company to understand and tackle high level cyber security threats.

### ALPHA ID: (Jun 2017- Aug 2017)

- Worked as a developer for Android application at ALPHA ID.
- Responsible for all the documentation associated with the projects such as Requirement specifications, Software and User Manuals.
- Software Installation and testing.
- Was involved with the Aplha ID to provide RFID solution to various Pakistan large scale industries.
- 

### Private Tutor (Aug 2017- Present)

- Privately tutoring students on technologies like android and web development.
- Carrying out weekly assessments, providing feedbacks on their performance while keeping their parents informed about their progress

## Achievements

- Head of treasury at ACM (Association of Computer Machinery SZABIST Chapter)
- Director HR at ACM
- Member of student's council at THE CITY SCHOOL
- Head of security council at Whales college

## Key Skills and Interests

- **Languages** – English (*fluent*), Urdu (*fluent*)
- **Sports** – Cycling, Table Tennis, Body Building and Running
- **I.T Skills**- 1) competitive knowledge of NODEJS, ANDROID DEVELOPMENT(java), MONGO DB, LINUX AND INTERNET OF THINGS.  
2) Familiar with MS-Project, HTML, C#, ASP.NET, SQL Server and Oracle, MVC framework and windows server.  
3)Entry level knowledge of tools in ethical hacking:
  - Nmap/Zen map
  - MITM(MAN IN THE MIDDLE ATTACK) and ARP SPOOFING
  - WIRESHARK , VIEL FRAMEWORK , BEEF FRAMEWORK
  - METASPLOIT, MALTEGO
  - WEEVELY, SQL INJECTION, CROSS SITE SCRIPTING AND ZAP