# AHMAD HABIB

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## EXPERIENCE

### Software Engineer | Synavos Solutions
**September-2021- Present**

- Working in the capacity of full stack developer.
- Using **MEAN, MERN** stack as well as **Ionic** for various projects.
- Mainly using **NodeJS** and **NestJS** for REST API's development
- Using **Bitbucket** for version controlling and code management.
- Direct interaction with clients to collaborate on projects.
- Working on asynchronous data handling and sockets for data transfer.
- Managing team with day-to-day tasks.
- Deploying applications on both app store and play store.

### Jr. Software Engineer | Amigo Software
**Dec-2019 - July-2021**

- Worked along with **Alcatel Lucent enterprise** to develop **Telephony systems** & **Learning Management System**.
- Worked on A**ngular8** for **front end and middleware development** along with **JQuery, Javascript, CSS, and material** to develop responsive designs.
- Worked on asynchronous data handling using Promises.
- Created **webRTC** based modules for peer to peer connections.
- Created various events including custom events and consumed debouncer for delaying events.
- Managed challenging Back-end development **using ExpressJs, NodeJS and Web Sockets**
- Developed **REST API's** for back end data integration with the SDK.

### Arfa Karim Foundation
**Aug-2017 - Sep-2017**

- Worked as an internee and developed the official website using **Angular2, JQuery, CSS**

## PROJECTS

### Social media stream; Live chat room(FYP)
Developed a social netwrok that works with live streams and uses real time comunication system. Developed using **WebRTC PHP, Angular4, CSS**.

### JS-Chess
Developed a multiplayer chess game using **vanilla  JavaScript**. It consists of Aliasing both players, counting time for each turn, turn intimation and reset functionality

### Zoom Clone
Developed a clone of Zoom application using **NodejS, Web Sockets, PeerJS, EJS and deployed on Hroku server.** Application can handle large amount of users and connections. Users can send messages over the platform.

## SKILLS

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|---|---|
| Angular | NodeJS/ExpressJS |
| ReactJS/NextJS | Javascript/JQuery |
| CSS/Bootstrap | WebRTC |
| Web Sockets | GIT/Bitbucket |
| MySQL/PostgreSQL | MongoDB |
| Full Stack | REST API's |

## EDUCATION

**BSCS**   **2015-2019**
GC University, Lahore

## OPEN SOURCE CONTRIBUTION

- Being an active part of **stack overflow** comunity, I try my best to post useful questions or answet the queries posted by other users.

- Contributing to the open source community through **Github** where I have created ton of open source projects wit resuable and helpful code.

- Initiated **JavaScript360 & My Daily Javascript on linkedin** to help out and post useful javascript based code snippets for daily life code usage

## Extra curricular

- **Former President** of **GCU-ACM** student chapter, which is a part of international ACM.
- Organized first  ever event on **VIRTUAL REALITY** in the history of GC University, Lahore in collaboration with **STYLY labs JAPAN.**
- Former content writer of Scientific Ravi, which is a tech magazine of GC University, Lahore

## ABOUT ME

I'm a self learned and self taught web developer. I have a strong grip on modern front end and back end tools with experience in creating responsive designs, single page applications, REST apis, and a strong grip on webRTC, sockets. I've been working as a developer for over 5 years. I have good communication and inter personal skills with a passion of sports, technology and learning more. With time I have been contributing more towards the open source to help out others.

## Rock-Paper-Scissor, Tic-Tac-Toe

Made both of these games using **AI logic in vanilla JavaScript**. User can play with either the system or another player. All scores are counted on scoreboard.

## JavaScript projects

Developed javascript based projects including calculator, image slider, ATM replica, Color picker, online editor etc. All projects are on my github repository.

## Ahmad's encryption-decryption

Developped my own encryption-decryption method that uses **7 digit encryption** logic and also envoles random 7 digit alpha-anumeric string to mix up entered value. Implented using **vanilla JavaScript**.