

## Muhammad Zaeem Khan

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### Academic Qualification

2020-2024	BS Computer Science	Institute of Business Administration
2016-2018	A Level	The City School PAF Chapter
2014-2016	O Level	The City School NNBC

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### Major Reports/ Research Work/Projects

**TechTick USA:** Lead my team at GT Solutions USA to develop and deploy a cross-platform mobile app with a web based admin panel which connects customers /clients to freelancers remotely as well as on-site to provide services like softwares, hardware and electronics repairs. This helped me enhance and improve my Leadership skill. Technologies used were NextJS, NodeJS, ExpressJS, Redux, ReactNative(for mobile app) and MYSQL (Not available on github due to copyrights).

**V2 Jets USA:** Worked with my team at Cygnis media to develop and deploy new features on their app and web, doing both frontend and backend. This helped me enhance and improve my development level to a professional level. Technologies used were NextJS, NodeJS, ExpressJS, Redux and MYSQL. (Not available on github due to copyrights)

**Rizq-Bachao App in Flutter:** This was my Mobile App Development project we did where I learned how to develop apps in flutter using firebase as backend also integrated google maps in it. The app is used to connect people who want to donate food with welfare trusts like JDC, Edhi etc.

**TutorSpace App:** I used a customized stack to build an app that had an admin panel on web and a mobile app that connects students with home tutors. The tech I used for backend was node and express, database was built using PostgreSQL, admin panel on web was built using react and for mobile app we went with Flutter. I integrated google maps and chat over here.

**Speedometer App in Flutter:** Made a speedometer app to calculate and display real-time speed using current location of google maps. Helped me learn google maps integration better and exploring new features of the google maps in flutter.

**Brick Breaker Game in Java:** This helped develop and build strong foundations of Object Oriented Programming. I also learned how design patterns in oop are used in projects.

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### Professional Experience

#### GT Solutions USA, Application Developer

Aug 23-Current

- Developed Full Stack Web Applications and Mobile Applications as a Team Lead for their in house uses and for US Startups.(TechTick, FoodEApp, AppraisalForm(in-house) etc).

#### Cygnis Media, Full Stack Developer

May 23-Aug 23

- Developed Full Stack Large Scale Web Applications that are being used in USA's more than 100 universities and large scale enterprise. V2-Jets, MyCollegeRoomie (Ohio state university and others), Guardian Conduct (Ohio state university and others).

#### Freelancing, Web Developer

Jan 21-May 23

- Worked as a freelance web developer on upwork, freelancer and through personal contacts.

#### Institute of Business Administration, Teacher Assistant

Aug 22-Dec 22

- Helped students learning Data Structures and Algorithms

#### Community Welfare Society IBA, Corporate Team Member

Jun 21-Jul 21

- Approached corporate companies for donations during covid.

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### Interests and Extracurricular Activities

Institute of Business Administration, Manager/CFO of Data Science Club

Sep-May 21/23

- Managed events to promote data science in IBA.
- Manager during Sept 21 to May 22. CFO(Chief Financial Officer) in Aug 22 to May 23.

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**Skills**

- Full Stack Web and Mobile App Developer
- Flutter and React Native Developer (Mobile Apps frameworks)
- PostgreSQL, MySQL, MsSQL, MongoDB, Firebase (Databases)
- React/Next Developer, Redux and ZuStand and VueJS (basic) (Frontend Techs)
- Node, Express (Backend)
- ORMs(Sequelize, TypeORM and Prisma)
- AWS (EC2, S3, Lambda and EKS), Azure DevOps Tools and KQL, Microsoft 365 Cloud Apps Management
- Dockers
- Network Security Tools (BurpSuite, Nmap, Wireshark and custom python scripts using scapy library)
- Git, Github (Advanced)
- Apache Spark and Hadoop
- Go, python, dart and java (programming languages)