

# Talha Abbasi

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## EDUCATION

### FAST NUCES

#### BACHELOR OF SCIENCE (COMPUTER SCIENCE)

Aug 2016 - July 2020 | Karachi, Pakistan

##### Major Courses

- Information Systems Security
- Introduction to IoT
- Software Engineering
- Computer Networks
- Information Processing Techniques
- Human Computer Interaction
- Design Patterns

### GENERATION'S SCHOOL

#### A LEVELS

Aug 2014 – June 2016 | Karachi, Pakistan

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Aug 2000 – June 2014 | Karachi, Pakistan

## SKILLS

### PROGRAMMING

Python • React • AWS • Javascript • Node.js • ASP.NET • GatsbyJS • Agile (Scrum) • Git

#### Databases:

Mongo Db • Amazon S3 • AWS Dynamo Db • MSSQL Server

## HOBBIES

Jiu Jitsu • Photography

## EXTRACURRICULAR

## ACTIVITIES

### GENERAL SECRETORY OF FAST PHOTOGRAPHERS CLUB

- Coordinate with the team and help them with their queries.

### ASSISTANT DIRECTOR IN-HOUSE MEDIA ON DEVELOPER'S DAY

- Manage the complete coverage of the event and assist in post- production.

## EXPERIENCE

### FORETHETA | SOFTWARE ENGINEER-1

July 2020 – Present | Karachi, Pakistan

- Worked on front-end related feature requests and debugged design issues of our projects made on React JS.
- Maintained blogs for multiple projects powered by Gatsby framework.
- Deployed and maintained applications using AWS Services like AWS Lambda, Amazon DynamoDb, AWS Cognito and Chalice.
- Created various API routes and consumed them in our React components.
- Wrote Cron Jobs and used GitHub Actions to automate our workflows.
- Wrote multiple test cases for our application's frontend and backend. Increased the backend coverage for our Credit Card API to 89%

### RAAWEE K12 SOLUTIONS INC. | INTERN

Jan 2020 – March 2020 | Karachi, Pakistan

- Generated ReactJS Components including a Data Grid which helped visualize a large amount of data. The Data Grid was tested on a data set of 5000 rows and brought down the load-time significantly which was taken by the previously built Table.
- Studied the working of ASP.Net Core applications.

### SYSTEMS LIMITED | INTERN

June 2019 – July 2019 | Karachi, Pakistan

- Worked on PHP and the Laravel Framework as well as the use of Design Patterns in Enterprise software.
- Implement Cart, Blog and multiple functionalities.

### RAAWEE K12 SOLUTIONS INC. | INTERN

June 2018 – Aug 2018 | Karachi, Pakistan

- Learned the working of MVC architecture.
- Implemented a School Management System under the supervision of a Senior Developer.

## PROJETS

### SCHEDULER | FINAL YEAR PROJECT

Aug 2019 – June 2020

- An application to assist in scheduling timetables for our university that will effectively decrease the time, cost, effort and human errors involved in manual scheduling
- Technologies Used: ASP.Net, Entity Framework, Microsoft SQL Server, TFVC

### MEDEASE | SUBMISSION FOR OPEN DATA COVID 19 HACKATHON

- A platform that helped reduce the spread of Covid-19 by providing testing facility to patients at the comfort of their homes. The platform also connected patients with relevant paramedic staff and hospitals hence reducing the load on hospitals for testing.
- Technologies Used: React, React Native, Node.js, MongoDB.

## **VOLUNTEER AT 021 DISRUPT**

- Serve the team in managing the event and all the seminars.

## **SHARE A MEAL**

- A website built to limit the wastage of left-over food by connecting places where there is leftover food with the places which accommodate the less privileged.
- Developed the Web API which enabled us to connect multiple interfaces with the database. Designed the database and also developed a Windows Service which performed multiple scheduled operations.
- Technologies Used: ASP.Net, Entity Framework, Microsoft SQL Server.

## **LE GAVROCHE**

- A website for a restaurant which helps connect potential customers with the restaurant. The customer can order food using the website. Payments can be made using Stripe's API which has been integrated within the website that enables the customer to do easy and secure transactions.
- Technologies Used: Node.js, Express, MongoDB, Stripe.