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 08/2014 – 06/2016 | Karachi, Pakistan

GENERATION'S SCHOOL
O Levels 08/2000 – 06/2014 | 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 resolved design bugs of products using 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 (using Python) and consumed them in our applications.
- Wrote Cron Jobs (using AWS Lambda functions) and use GitHub Actions to automate our workflows.
- Wrote multiple test cases for our application's frontend and backend.

RAAWEE K12 SOLUTIONS INC. | Intern
Jan 2020 – March 2020 | Karachi, Pakistan
- Generated ReactJS Components including a Data Grid. The Data Grid was tested on a large amount of data (5000 rows) and helped reduce the load-time significantly which was taken by the previously built Table.
- Learned the working of ASP.Net Core applications.

SYSTEMS LIMITED | Intern
June 2019 – July 2019 | Karachi, Pakistan
- Learned the working of PHP and the Laravel Framework.
- Learned the use of Design Patterns in Enterprise software.
- Implement Cart, Blog and multiple basic functionalities.

RAAWEE K12 SOLUTIONS INC. | Intern
June 2018 – Aug 2018 | Karachi, Pakistan
- Learned the working of MVC Design Pattern.
- 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 reduce 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 helps reduce the spread of Covid-19 by providing testing facility to patients at the comfort of their homes. The platform helps connect patients with relevant paramedic staff and hospitals hence reducing the load on hospitals for testing.
- Technologies Used: React, React Native, Node.js, MongoDB.

VOLUNTEER ON 021 DISRUPT (11/2017)
- Assist the team in managing the event and all the seminars.

SHARE A MEAL
- A website built to reduce 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 helped in connecting multiple interfaces with the database. Designed the database and also developed a Windows Service.
- 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.