Talha Abbasi

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EDUCATION

FAST NUCES
Master's of Science (Computer Science)
Sep 2021 - Present | Karachi, Pakistan

FAST NUCES
Bachelor's 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
O Levels & A Levels
Aug 2000 – June 2016 | Karachi, Pakistan

SKILLS

PROGRAMMING
Python • React • AWS • TypeScript • JavScript • Node.js • ASP.NET • GatsbyJS • Agile (Scrum) • Git
Databases:
Mongo Db • AWS Dynamo Db • MSSQL Server

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.

VOLUNTEER AT 021 DISRUPT
• Serve the team in managing the event and all the seminars.

EXPERIENCE

FORETHETA | Software Engineer - II
July 2021 – Present | Remote
- Develop a web-application from scratch to analyse stocks for the US stock market.
- Review Pull Requests of fellow engineers and update production accordingly.
- Create a separate stack for our testing environment

Software Engineer - I
July 2020 – July 2021 | Remote

- 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 the Gatsby framework.
- 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.

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.

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.

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.

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.
- 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.