

# Oneeb Khan

## Software Engineer

A software engineer with an interest in all things technological, including cross-platform solutions, cloud solutions, machine learning, deep learning, data analytic and back-end services. A creative thinker, adept in software development and problem solving. I am looking for an organization where I can hone my skills and grow along with the organization while also improving my managerial and communication skills.

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## EDUCATION

### Bachelors in Software Engineering

COMSATS University

08/2017 - 08/2021

Lahore

### A Levels (Pre-Engineering)

Garrison Academy for Cambridge Studies

09/2014 - 08/2017

Lahore

## WORK EXPERIENCE

### MERN Stack Developer

Gigalabs

09/2021 - Present

Lahore

#### Achievements/Tasks

- Responsible for full stack website development using different JavaScript frameworks.
- Worked on a website called 'FlavorWiki' using Reactjs, SailsJS, GraphQL, MongoDB, MySQL, PostgreSQL, Docker, NestJS, AWS, Azure, D3JS and more.
- Built the user side app for the client 'BUNGE'. Built using React and SailsJS.
- Developed features such as bulk payment by country and new charts for statistical analysis using D3JS. Made bulk queries for things like CSV exports by dividing the data into manageable chunks, to remove timeouts for larger datasets. Also worked on various bug fixes and hotfixes.
- Worked on a new project called 'Sensory' which is essentially a refresh of the basic site. The mongo database is replaced with PostgreSQL and the backend is now NestJS using typescript. Worked on setting up the underlying architecture of the database and the backend, using techniques like graph data structures in the database itself to make relations between the tables.

### Backend Django Developer

Saldiri

06/2021 - 08/2021

Lahore

#### Achievements/Tasks

- Created REST API backend connections using Django, while configuring the backend services and functionality. Also managed the database using Django's built-in SQLite configuration.
- Worked with HTML, CSS and JavaScript to create a basic webpage and learned how to integrate JavaScript browser APIs to use things like the webcam etc.
- Used knowledge of JavaScript to integrate an API of 'Jitsi Meet' and to get the video of the user and display it in the browser to create a type of online meeting platform. Integrated a 'Siamese' AI model to recognize faces in the meeting for security purposes, as to not let in unauthorized personnel, using Tensor flow.

## SKILLS

Django

Rest

Flutter

Firebase

React

Nodejs

GraphQL

MongoDB

SQL

PostgreSQL

NestJS

SailsJS

D3JS

ExpressJS

Styled Components

HTML

CSS

Python

Dart

Javascript

Typescript

## PERSONAL PROJECTS

### Final Year Project - Medicine Authenticator (07/2021)

- COMSATS Final year project made with flutter, Firebase and HTTP for API requests. The project involves checking the authenticity of medicine by scanning the medicine bar-code or QR codes on the user side. The admin side app involves authenticating the medicine by entering the medicine information and details.
- Link: [Medicine Authenticator](#).

### Smart PDF Merger (08/2020)

- A smart PDF converter that converts ppt/pptx files to pdf and then merges all pdfs into a single merged pdf file.
- Link: [Smart PDF Merger](#).

### Smart Architecture Reader (08/2020)

- Reads JAVA, C++ and C# files. Gets their classes, methods (functions) and variables. Then prints them into a text file, then displays said text file.
- Link: [Smart Architecture Reader](#).

## ACHIEVEMENTS

### Google Code Jam (03/2021)

Passed the qualification round of Google code jam

### Google Data Analytics Certification - Coursera (05/2021 - Present)

Completing the Coursera Google Data Analytic Certification