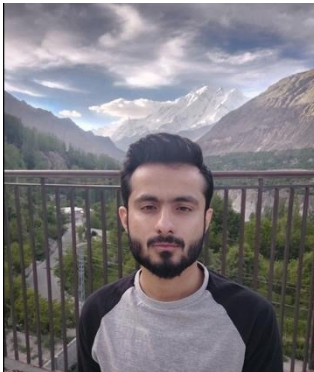


## PERSONAL INFORMATION



## Osama Bin Saleem S/O Muhammad Saleem Sarwar

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📞 +92-316-5689145

✉ [osamabinsaleem123@gmail.com](mailto:osamabinsaleem123@gmail.com)



Date of birth 22/03/1996 | Nationality Pakistani

## WORK EXPERIENCE

15<sup>th</sup> Nov, 2021-Present

### Software Engineer, NativeVideo London (Remote)

#### Full Stack Engineer

- Designed and developed a Secure, Serverless, Multi-tenant and Scalable media processing and streaming backend using Terraform, AWS, ffmpeg, python and node js
- Provided multi-cloud support for AWS and Azure
- Developed an admin dashboard for controlling, monitoring and audit using react and typescript
- Developed a JavaScript Sdk to provide generic and secure access to the backend for our web and mobile clients

1<sup>st</sup> Nov, 2019 – 15<sup>th</sup> Nov, 2021

### Software Engineer, Tintash Islamabad

#### Full Stack Engineer

- Developed multiple websites (backend and frontend) involving E-commerce, FinTech and EdTech domains using React js, Gatsby js, Next js, Spring boot, Node js, Python, Golang
- Designed and developed multiple projects using microservices and monolithic architecture
- Developed a backend in spring-boot which supported blockchain transactions for Bitcoin
- Worked on setting up CI/CD pipelines for multiple projects
- Worked with many services offered by various cloud vendors including AWS, Azure, GCP
- Developed notification functionality for various projects using multiple services like OneSignal, Firebase, APNS, Webhooks and Server Sent Events (SSE)

1 year

### Database Manager & Website Developer at Smart Gators

#### Junior Software Engineer

- Worked on multiple E-commerce based websites using vanilla php
- Front End development using html, css, ajax and jquery
- Worked with multiple relational database like MySQL and PostgreSQL

SESSION 2018 - 19

### National Centre of Cloud Computing & Big Data (NCBC, UETP)

#### Internship

Computer Vision | Image processing | Raspberry Pi | Cloud Computing  
Image Processing based multithreaded algorithm design using OpenCV in C++ & Python and implementation on Raspberry Pi 3.

- Developed Image processing / computer vision based algorithm using OpenCV, C++, python to compute various metrics from live traffic feed including vehicle count, speed, vertical and horizontal distance.
- Ran this algorithm on a raspberry pi 3 with mounted camera module for live traffic feed
- Implemented multi-threading using OpenMP library to use maximum compute power available

## EDUCATION AND TRAINING

Session (2015 - 2019)

### BSc Computer Systems Engineering

University of Engineering & Technology (UET), Peshawar

CGPA: **3.76 (Silver Medallist)**

### HSSC Pre-Engineering

Fauji Foundation College, For Boys, New-Lalazar, Rawalpindi

Marks: 878/1100 (**80%**)

### SSC Science Group

Fauji Foundation College, For Boys, New-Lalazar, Rawalpindi

Marks: 994/1150 (**95%**)

## PROGRAMMING SKILLS

- **Python** -- 3+ years
- **Golang** -- 1 year
- **JavaScript** -- 3+ years
- **AWS** -- 3+ years
- **Firebase** -- 1+ years
- **Terraform** -- 1+ years
- **Frontend Dev** -- 3+ year
- **Phaser** -- 6 months
- **Java** -- 1 year
- **Node js** -- 3+ years
- **React js** -- 3+ years
- **Gatsby** -- 1+ years
- **GCP** -- 1+ years
- **SQL DBs** -- 2+ years
- **OpenCV** -- 1+ years
- **Backend Dev** -- 3+ year
- **Unity3d ( C# )** -- 6 months
- **MATLAB** -- 6 months
- **Spring boot** -- 1 year
- **Typescript** -- 1 year
- **Next js** -- 1+ years
- **Azure** -- 2+ years
- **NoSql DBs** -- 2+ years
- **FFMPEG** -- 1+ years
- **C / C++** -- 2+ years
- **React native** -- 1+ years
- **Docker** -- 1 year

## ADDITIONAL INFORMATION

### Workshops / Certifications

- [AWS Certified Developer Associate](#)
- [AWS Certified Cloud Practitioner](#)
- [Fundamentals of Deep Learning & Computer Vision \(NVIDIA DEEP LEARNING INSTITUTE\)](#)
- [Fundamentals of Deep Learning for Multiple Data Types \(NVIDIA DEEP LEARNING INSTITUTE\)](#)
- Internet of Things at KPIT Board (Arduino & Raspberry Pi)
- 5 – Day Innovation Bootcamp for Entrepreneurs by LUMS

### Honours and awards

- Silver Medallist (Bachelors)
- Interdepartmental futsal Champion (2016 & 2017)
- 95% marks scholarship in SSC

### Relevant Links

- [LinkedIn profile](#)
- [Stack overflow profile](#)