

# Muhammad Osama

## Full Stack Developer

Experienced web application developer with 2.5+ years in an enterprise environment, specializing in the design and development of SaaS products. Proficient in adapting to new concepts and technologies, with a strong ability to write clean and efficient code for large-scale projects.

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## WORK EXPERIENCE

### Full Stack Developer Cygnis Media

08/2023 - Present,

Responsibilities:

- As a Full Stack Engineer at Cygnis Media, I am responsible for developing and maintaining web applications, leveraging a robust tech stack including Next.js, Nest.js, React.js, Node.js, Express.js, MySQL, and Sequelize.
- Responsible for designing and implementing REST APIs, optimizing database performance, and managing Cron jobs and job queues.
- Incorporating third-party payment solutions like Stripe and digital signature services such as DocuSign, along with integrating with HubSpot.
- Engaged in collaborative teamwork, actively contributing to both individual and team projects, while leveraging GitHub for seamless collaboration on large-scale endeavors
- Working with frontend (React.js, Next.js) and backend (Node.js, Express.js, Nest.js) technologies
- Proficient in orchestrating cloud computing strategies and deploying SaaS products on platforms like AWS and Azure

### Software Developer AKD Investment Management LTD

02/2022 - 05/2023,

Responsibilities:

- Spearheaded new web development initiatives, gathering requirements from cross-functional business groups to kickstart projects effectively
- Managed financial data using SQL queries, procedures, indexes and triggers ensuring accuracy and reliability in data provision and maintenance.
- Worked on Scripts which can be useful to transfer data from csv to database used Python, pandas for reading data and pyodbc used for maintaining connection.
- Utilized appropriate architectural frameworks, primarily REST, to implement APIs, ensuring seamless integration with databases and interaction with third-party dashboards of Infobip.
- Played a pivotal role in prototyping new concepts and presenting proof of value through test environments and application diagrams.

## EDUCATION

### BS in Computer Science

BAHRIA UNIVERSITY KARACHI

09/2017 - 10/2021,

## SKILLS

JavaScript

Nodejs

ExpressJs

NestJs

ReactJs

NextJs

MySQL

SQLServer

Git

Redis

Cron Jobs

Queues

AWS

CI/CD

Unit Testing

DSA

OOP

MVC

Database Logics

Flow Diagrams

## PERSONAL PROJECTS

### Subscription Based Website

- Contributed to developing a subscription-based website enabling users to purchase memberships and receive monthly renewal reminders via email.
- Integrated Stripe payment gateway for secure online transactions.
- Streamlined subscription management process for enhanced user experience.

### Web Scraper

- Created scraper for my news website to get the data of different segment of website in Python
- Utilized MySQL for storing the data and set up cron jobs to fetch daily data at day's end.

## CERTIFICATES

ReactJs, NodeJs Express & MongoDB  
(06/2022 - 11/2022)

Full Stack Web development with React  
Specialization (09/2021 - 03/2022)

Modern Application Development with  
Node.js on AWS Specialization  
(09/2023 - Present)

## LANGUAGE

- English (B2)
- German (A1 Basic)