

Syed Muhammad Osama

Contact:
+92-3145762030
Email:
syedosama478@gmail.com
LinkedIn:
<https://www.linkedin.com/in/syed-muhammad-osama-2b09ba36b/>
Github:
<https://github.com/SyedOsama>
Portfolio:
<https://syed0sama.github.io/>

Skills

- Hana DB
- Linux
- Git
- PostgreSQL/MySQL
- MongoDB
- React.js
- node.js

Software Skills

- Visual Studio code
- Vim
- HANADB Web IDE
- Pycharm
- Proteus

Coding Languages

- Native Hana
- HTML
- Javascript
- React.js
- C++
- Python

Education

Bachelor of Electrical Engineering
International Islamic University, Islamabad
CGPA: 3.38

Career Objective

I am Syed Muhammad Osama, driven by the pursuit of excellence and growth. My goal is to secure a dynamic position within the industry, where I can thrive in an environment that fosters continuous improvement. I am committed to utilizing my skills and abilities to contribute to the achievement of the company's mission

Work Experience

MTO SAP ABAP

JAN/2025 – Current

TMC (TallyMarks Consultancy)

- Developed and optimized complex SAP HANA SQL Script stored procedures for high-volume transactional data processing, ensuring accuracy and performance.
- Implemented data transformation and aggregation logic different events
- Designed and maintained ETL workflows, staging tables, and data qualification processes and reporting in SAP HANA.
- Applied advanced error handling, validation, and replication logic to ensure reliable data migration and system integration between QA and Production environments.

IP Datacom Engineer

Dec/2023 – JAN/2025

Huawei

- Layer 2 protocols (STP, VLAN, ARP, LLDP)
- Layer 3 protocols (RIP, OSPF, ISIS, BGP, MPLS),
- VPN (MPLS L3 vpn, L2 VPN)
- Traffic Engineering (MPLS TE tunnel, HOvpn, Hotstandby Tunnel)

Full Stack Developer

Jan/2023 - Dec/2023

Pakcelarent

- **Web app:** As a Full Stack Engineer at Pakcelarent. I played a pivotal role in developing and maintaining robust and scalable web application. I was responsible for both frontend and backend development, contributing to the entire software development lifecycle and ensuring seamless user experiences
- **Databases:** I have worked in MongoDB, PostgreSQL and MySQL,
- **Linux, Git**
- Basics of **Docker**

Intern

Oct/2022 - Dec/2022

Zimco

- IoT
- Power Systems
- Augmented reality

Projects

Final Year Project:

- IoT Based Smart Highway
We have developed smart highway project based on NodeMCU (ESP8266) and Arduino. It saves cost and energy using auto-controlled light through the internet and motion detector. It also serves the purpose of an automatic watering system that automatically sprinkle water on the green belt near highways by detecting low moisture level. It also saves labor costs using image processing speed detection.

Other Projects:

- Food Delivery App:
 - Developed a Food Delivery App with a React.js frontend and a Node.js backend.
 - Utilized MongoDB for secure storage of user credentials and food item data.
 - Implemented CRUD operations encompassing data insertion, retrieval, updating, and deletion, facilitating seamless order management within the shopping cart.
 - Created an index for fast searching
 - Implemented essential features including a user-friendly cart and comprehensive order history functionality.
 - link: <https://www.youtube.com/watch?v=Kdfp-EkRTWs&t=13s>