# Mohammad Omar Saleh Sultan Software Engineer

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Dhaka, Bangladesh

2018 - 2023

2015 - 2017

2015

# **CAREER OBJECTIVE**

Passionate Software Engineer with expertise in React, Node.js, MySQL and cloud technologies, eager to tackle complex challenges and contribute to innovative projects. Seeking a dynamic role to deliver impactful solutions, drive system efficiency, and grow in a collaborative, fast-paced environment.

# PROFESSIONAL EXPERIENCE

Software Engineer | ERP.com.bd (Dhaka, Bangladesh)

September 2023 – Present Key ☑

**Responsibilities & Achievements:** 

- Diagnosed and resolved critical software issues, increasing system stability by **30%**, using tools like **Postman** for API testing and **Docker** for containerized environments.
- Improved application performance by **20%** through query optimization in **MySQL** and minimizing frontend rendering time in **React-based** systems.
- Enhanced system architecture by transitioning legacy modules to **microservices**, reducing workflow bottlenecks and improving efficiency by **15%**.
- Developed and maintained features for ERP and University Management Systems using **Node.js**, **PHP**, and **JavaScript** under both **Monolith** and **Microservice** architectures.

### **EDUCATION**

**Bachelor of Computer Science & Engineering,** 

National University [Dhaka City College] 🛮

**CGPA 3.22 out of 4.00** 

Higher Secondary Certificate (Science),

Govt Laboratory High School

- GPA 4.43 out of 5.00

Secondary School Certificate (Science),

Govt. Science College Attached High School □

- GPA 5.00 out of 5.00

# **SKILLS**

## **Technical Skills**

- Programming Languages: JavaScript, TypeScript, PHP
- Frontend Frameworks & Libraries: React, Next.js
- Backend & Server-Side Technologies: Node.js, Express
- Databases: MySOL
- DevOps & Tools: Docker, Nginx, GitHub, Postman
- Operating Systems: Linux

# **Currently Learning**

 Cloud Architecture and Advanced Nginx Configuration

# **Problem-Solving Skills**

- Solved 70+ coding problems on platforms like LeetCode and HackerRank
- LeetCode Profile: leetcode.com/SultanOmar0013

#### Languages

- English: Proficient in conversational English
- **Bangla:** Native speaker

#### **Leadership Skills**

Organizer of DCC Digital Week 2021

# **PROJECTS**

# 1. Travel Management System

- **Description:** Built a full-stack travel management platform using **React.js**, **PHP**, and **MySQL** to facilitate travel planning, bookings, and payments.
- Kev Features:
- **Impact:** Managed 100+ bookings monthly with zero critical errors reported.
- Tech Stack: React.js, PHP, MySQL, CSS, Bootstrap

Github ☑: https://github.com/Sultanomar0013/Travel-Management ☑

LiveLink : https://travel-management-xi.vercel.app/

# 2) Inventory Management System 🛮

- **Description:** Developed a system for real-time tracking and management of inventory across multiple categories.
- Key Features:
- Impact: Reduced inventory discrepancies by 20% through real-time updates and logs.
- Tech Stack: React, PHP, MySQL, Node.js

GitHub ☑: https://github.com/Sultanomar0013/InventoryManagemenmtDeploy- ☑

### **3) E-Commerce Platform** □

- **Description:** Built a comprehensive e-commerce platform supporting product browsing, shopping carts, and secure payment processing.
- Key Features:
- **Impact:** Scaled to handle 500+ products with dynamic filtering and sorting features.
- Tech Stack: React, PHP, MySQL, Express.js, CSS

GitHub ☑: https://github.com/Sultanomar0013/Ecommerce-1 ☑

#### **COURSES & CERTIFICATES**

**AWS Cloud Technical Essentials,** *Amazon Web Services (AWS)* ☑

- **Provider:** Amazon Web Services (AWS)
- Key Skills Learned: Cloud computing basics, AWS core services, and cloud deployment strategies
- Certificate Link ☑: https://tinyurl.com/yc6uyj67 ☑

#### **Introduction to Git and GitHub.** Google 🖸

- **Provider:** Google
- Key Skills Learned: Version control basics, Git commands, and collaborative workflows using GitHub
- Certificate Link ☑: https://tinyurl.com/dtrnv3ae ☑

#### REFERENCES

**Mhafuzur Rahman**, *Managing director*, erp.com.bd ceo@erp.com.bd

**Mohammed Abdul Munem**, *Network and Security Administrator*, Fast Security Islami Bank 8801741018603

**S M Samnoon Abrar**, *Software Engineer*, BroTecs Technologies Ltd samnoon.abrar@brotecs.com