

# SAIF SARUWAR

## Software Engineer

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in saifturjoywebdev

saif saruwar turjoy

portfolio

## PROFESSIONAL GOALS

- Aspiring full-stack developer with a strong foundation in modern web technologies, focused on building scalable, secure, and high-performance applications. Passionate about frontend and backend development, system optimization, and applying industry best practices. Committed to continuous learning, problem-solving, and delivering impactful solutions in collaborative, agile environments.

## EDUCATION

B.Sc. in Computer Science Engineering  
AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

2021 - 2025

Tejgaon, Dhaka

HSC (science)

Milestone College

2018-2020

Uttara, Dhaka

## PERSONAL PROJECTS

### eShopify

Live Link GitHub Link

- Built **React** based full-stack eCommerce platform processing payments via **SSLCommerz** (bKash, Nagad, Cards) with webhook verification and transaction validation
- Implemented **Redis caching** and **JWT authentication** with **refresh token rotation** achieving secure and performant user sessions
- Designed **MongoDB** schemas for orders, coupons, and products with complete CRUD operations and **Cloudinary** media integration handling end-to-end order lifecycle (cart → check-out → payment → delivery)

### Blogify

Live Link GitHub Link

- Built secure blogging platform with **JWT authentication** and **Bcrypt** password hashing, ensuring complete data protection for user credentials
- Role-Based Access Control **RBAC** with 3 permission tiers (Guest/User/Admin), by designing authorization middleware

### Daily Notify

Live Link GitHub Link

- Developed full-stack productivity app with Node.js/Express.js backend and MongoDB database, enabling users to manage daily tasks efficiently
- Integrated **Google OAuth 2.0** authentication for secure, passwordless login eliminating credential management overhead
- followed **MVC** architecture for scalable and maintainable codebase

## ACHIEVEMENTS

- AUST CSE FEST [2024] - Organized
- AUST CSE FOOTBALL TOURNAMENT Organizer - FALL 23 [2024] - Champion
- Aust CSE week coding contest organizer -Fall 23

## PROBLEM SOLVING

- Strong** foundation in algorithms and data structures with 100+ problems solved on LeetCode.
- Achieved **5 kyu** rank on Codewars

## SKILLS

### Programming Languages:

C C++ JavaScript Python Java  
SQL NoSQL

### Databases & Backend:

MongoDB MySQL MS SQL Server  
Redis Firebase Node.js  
Express.js

### Frameworks & Libraries:

Express.js EJS  
REST API React (Learning)  
Tailwind CSS (Learning)

### Developer Tools:

Git GitHub Docker Deployment  
Visual Studio Code NetBeans  
Code::Blocks Google Colab

### Operating Systems:

Windows Linux

## INTERESTS

Photography Singing, Cricket, Guiterplay.