Tawsif Rahman Shopnil

tawsif.rahman.shopnil@gmail.com
tawsifrahmanshopnil.com
linkedin.com/in/iamtawsif
github.com/tawsif-rahman-shopnil

EXPERIENCE

Jr. Software Engineer   Mar 2024 – Present
Orange Solutions Ltd., Dhaka, Bangladesh

- Developed full-stack web applications using Laravel (9.x/10.x) and React with RESTful API integration.

- Enhanced MSSQL query performance through indexing, optimized joins, and targeted query tuning.

- Implemented secure authentication using OAuth2 and JWT.

- Contributed to production systems including Courtside ticketing, MPOS Cloud, and eJOTNO across mobile and web.

Software Engineering Intern   Jan 2024 – Mar 2024
Orange Solutions Ltd., Dhaka, Bangladesh

- Built and maintained a Laravel-based Admin Panel for Courtside with React integration.

- Assisted with debugging, performance optimization, and feature delivery across backend and frontend.

Software Engineer (Contract)   Jul 2023 – Jan 2024
Swinroll Network Technologies Co., Ltd.

- Developed and published Flutter and native Android applications to the Google Play Store.

- Built responsive admin panels using Laravel and React for content, user, and analytics management.

- Handled release builds, Firebase integrations, and CI/CD workflows for mobile delivery.

- Supported deployment pipelines and post-release monitoring.

EDUCATION

BSc in Computer Science and Engineering   2024
Bangladesh Army International University of Science and Technology (BAIUST)
Key Courses: Data Structures, Algorithms, Database Systems, Web Development, Software Engineering

SKILLS

Languages: PHP, JavaScript, TypeScript, SQL, Python, Dart
Frontend: React, Flutter, Vue.js
Backend: Laravel (9.x/10.x), Node.js, Express.js
Databases: MSSQL, MySQL, MongoDB, Firebase
Tools: Git, Docker, Postman, Figma, Composer, NPM, Firebase
Concepts: REST APIs, OAuth2, JWT, MVC Architecture, CI/CD, API Security

PROJECTS

Courtside (United Group, United City – Madani Avenue)
Multipurpose leisure-and-entertainment venue app suite for Bangladesh. Built the *user-facing mobile app* and contributed to *POS software* enabling on-spot ticket purchases; developed the *full Admin Panel* for event, venue, and ticketing operations. Users can browse events/sports, book tickets in-app, and manage bookings; staff can sell/validate tickets at the venue via POS.

eJOTNO Mobile App
Cross-platform healthcare service connecting users with verified doctors, caregivers, and therapists. Flutter apps (Android/iOS) with secure role-based access and appointment workflows.

MPOS Cloud (Web POS)
Point-of-Sale web application using Laravel 10.x and React with real-time sales, invoicing, and stock management for multi-branch operations.

MPOS (Android POS)
Android POS for Sunmi devices (Flutter) integrated with MPOS Cloud for synchronized billing and receipt printing.

Board of Trade
Flutter-based *retail investing* app for Bangladeshi security-exchange clients (end users/stock buyers). Users view live market prices with candlestick charts, submit buy/sell requests through brokerage desks, track personal portfolios and order history, manage profiles, and maintain watchlists/notifications. *(No backend stack referenced per requirement.)*

Amar Mahallah
E-commerce platform with React + Flutter clients offering authentication, catalog, cart, and order management.

United Group Billing System
Enterprise-scale billing solution using Laravel + MSSQL with REST APIs and optimized queries.

BAIUST Computer Club Website
Laravel-based portal with MySQL for events, membership, and content.

CERTIFICATIONS

- HackerRank — SQL (Advanced)

- HackerRank — SQL (Intermediate)

- HackerRank — SQL (Basic)

- HackerRank — Python (Basic)

- Coursera — Foundations of User Experience (UX) Design

- Coursera — Build a Full Website using WordPress

- Udemy — Graphic Design MasterClass (Photoshop, Illustrator, InDesign)

- Udemy — JavaScript, Bootstrap & PHP: Certification for Beginners

- Udemy — Master Git and GitHub: Beginner to Expert

- Coursera — Introduction to Bash Shell Scripting

LEADERSHIP

Joint Secretary, Computer Club, BAIUST   2022
Vice President (Organizing), Computer Club, BAIUST   2021–2022