Tawsif Rahman Shopnil

tawsif.rahman.shopnil@gmail.com — tawsifrahmanshopnil.com — LinkedIn: iamtawsif — GitHub: tawsif-rahman-shopnil

Experience

Jr. Full Stack Developer   Mar 2024 – Present
Orange Solutions Ltd. Dhaka, Bangladesh

- Developed full-stack web applications using Laravel (9.x/10.x) for backend APIs and React for modern, interactive frontends.

- Optimized MSSQL database queries with indexing and advanced joins to enhance performance for large enterprise systems.

- Implemented authentication and security mechanisms using OAuth2 and JWT for robust user access control.

- Contributed to major projects like Courtside, MPOS Cloud, and eJOTNO across mobile and web platforms.

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

- Built and maintained Laravel 9.x-based Admin Panel CMS for the Courtside ecosystem with React integration.

- Supported ongoing development, debugging, and optimization of Laravel applications across multiple product teams.

Remote Full Stack Developer (Contract)   Jul 2023 – Jan 2024
Swinroll Network Technologies Co., Ltd.

- Led backend development using Laravel to build scalable RESTful APIs with OAuth2/JWT-based authentication.

- Integrated React-based frontends with backend APIs and handled version control through GitHub workflows and pull requests.

Education

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

Skills

Languages: PHP (7+), JavaScript, TypeScript, SQL, Python, Dart
Frontend Frameworks/Libraries: React, Flutter, Vue.js
Backend Frameworks: Laravel (9.x/10.x), Node.js, Express
Databases: MSSQL (complex joins, indexing), MySQL (Eloquent ORM, complex joins), MongoDB, Firebase
Tools: Git (GitHub workflows, PRs, rebasing), Docker (basic), Postman, Figma, Firebase, Laravel Artisan/Tinker
Concepts: REST APIs, OAuth2, JWT, MVC Architecture, API Security

Projects

- **eJOTNO Mobile App** – Cross-platform healthcare service platform connecting users with verified third-party doctors, caregivers, and therapists. Built and deployed both iOS and Android apps using Flutter. Developed an additional service-provider app for caregivers to manage appointments, schedules, and communication.

- **Courtside Ecosystem** – Redesigned and developed the Courtside Mobile App (Flutter) for end users and POS software for in-app operations. Also developed the Courtside Admin Panel (Laravel + React) to manage users, bookings, and content with role-based access.

- **MPOS Cloud (Web POS)** – Built a full-stack Point-of-Sale web application from scratch using Laravel 10.x and React. Designed for multi-branch business environments, with real-time sales tracking, invoice generation, and stock management features.

- **MPOS (Android POS)** – Developed an Android POS app for Sunmi devices using Flutter, integrated with Laravel backend APIs to handle billing, printing, and synchronization with MPOS Cloud.

- **Board of Trade** – Designed and developed a stock market management app for security exchange companies. Built using Flutter for Android and iOS, integrated with Laravel backend for real-time data synchronization and secure transactions.

- **Amar Mahallah** – Full-stack e-commerce platform using Laravel 9.x/10.x for backend APIs and React frontend, with a companion Flutter mobile app and secure authentication workflows.

- **United Group Bill Management System** – Enterprise-scale billing platform built with Laravel 9.x and MSSQL, using optimized queries and RESTful APIs for integration with United Group's internal systems.

- **BAIUST Computer Club Website** – Laravel-based web portal for university tech club members with MySQL database, event management, and resource-sharing functionalities.

Certifications

- HackerRank SQL (Intermediate)

- HackerRank SQL (Basic)

- HackerRank Problem Solving (Basic)

- HackerRank Python (Basic)

- Coursera – Programming for Everybody (Python)

- Udemy – Master Laravel 10 for Beginners

- Coursera – Web Design for Everybody

- Udemy – Full Stack Web Development Bootcamp

- Udemy – Modern JavaScript (ES6+)

- Coursera – Databases and SQL for Data Science

Leadership

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