Tawsif Rahman Shopnil

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Objective

Passionate PHP Laravel developer with over 2 years of experience building scalable and secure web applications, seeking opportunities to create innovative, high-performance solutions using modern web technologies and robust backend systems.

Experience

Jr. Software Engineer   Mar 2024 – Present
Orange Solutions Ltd. (United Group), Dhaka, Bangladesh

- Developed modular web applications using Laravel 9.x/10.x, including RESTful APIs and Eloquent ORM for the **Amar Mahallah** e-commerce platform.

- Optimized MSSQL queries with complex joins and indexing for the United Group Bill Management System, achieving a 20% performance improvement.

- Implemented secure coding practices (OWASP, CSRF/XSS protection, input validation) and authentication flows using Laravel Passport and Sanctum.

- Managed Redis caching and queues to enhance application performance and scalability.

Software Engineering Intern   Jan 2024 – Mar 2024
Orange Solutions Ltd. (United Group), Dhaka, Bangladesh

- Built a Laravel 9.x-based Admin Panel CMS for the Courtside mobile app, integrating with React frontend for seamless API connectivity.

- Supported debugging and maintenance of Laravel applications, adhering to PSR standards and SOLID principles.

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

- Led backend development of RESTful APIs using Laravel, integrating OAuth2 and JWT authentication.

- Utilized Laravel Artisan, Tinker, and Events/Listeners to streamline development workflows.

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

Skills

Languages: PHP (7+), JavaScript, SQL, Python, Dart
Frameworks: Laravel (9.x/10.x), React, Flutter, Node.js
Databases: MSSQL (complex joins, indexing), MySQL (Eloquent ORM, complex joins, indexing), MongoDB
Tools: Git (GitHub workflows, PRs, rebasing), Laravel Artisan/Tinker/Passport/Sanctum, Redis, Postman, Docker (basic), Figma, Firebase
Concepts: REST APIs, OAuth2, JWT, SOLID principles, PSR standards, OWASP security practices

Projects

- **Amar Mahallah** – Developed an e-commerce platform using Laravel 9.x/10.x for backend APIs and Eloquent ORM, with Flutter frontend, Redis caching, and Sanctum authentication.

- **United Group Bill Management System** – Built a Laravel 9.x-based web dashboard with RESTful APIs, MSSQL migrations, and queue management for billing processes.

- **Courtside Admin Panel** – Created a Laravel 9.x CMS with secure API endpoints and session handling, integrated with React frontend.

- **BAIUST Computer Club Website** – Designed a Laravel-based portal with MySQL database and Git-based workflows for club management.

Leadership

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