

Md Shajedul Islam

Address: Kawla, Airport, Dhaka, Bangladesh.

Mob: +8801717255977

Email: shawondu@yahoo.com

Web: <https://codingwithshawon.com/>

LinkedIn: <https://www.linkedin.com/in/shawondeveloper/>

GitHub: <https://github.com/shawondeveloper/>

YouTube: <https://www.youtube.com/c/ShajedulIslamShawon>



Objective: Dedicated and experienced Full Stack Developer with a strong background in Laravel and Flutter. Passionate about creating innovative web and mobile applications that deliver exceptional user experiences. Seeking opportunities to contribute my skills and knowledge to dynamic projects.

Professional Summary:

- Over 7 years of experience in software development, with a focus on full-stack web and mobile application development.
- Proficient in Laravel for backend development and Flutter for mobile app development.
- Strong knowledge of front-end technologies, including HTML, CSS, JavaScript, and Flutter.
- Experienced in database design and management using SQL and NoSQL databases.
- Skilled in version control using Git and collaborative development using platforms like GitHub.
- Excellent problem-solving and debugging skills.
- Effective communicator and team player with a proven track record of working in cross-functional teams to deliver successful projects.

Skills:

Programming Languages: <ul style="list-style-type: none">• PHP• Dart• JavaScript	Front-End: Front-End: <ul style="list-style-type: none">• HTML5• CSS3• Tailwind CSS• Bootstrap• Flutter	Back-End: <ul style="list-style-type: none">• Laravel• Node.js• Express.js
Databases: <ul style="list-style-type: none">• MySQL• MongoDB	Version Control: <ul style="list-style-type: none">• Git• GitHub	Tools and Frameworks: <ul style="list-style-type: none">• Visual Studio Code• Postman• Composer• RESTful APIs

Extra Skills:

- Google Cloude, Firebase Console, Google Ads, Goole Analytics. FB Boosting

Other:

- Responsive Web Design
- Responsive Desktop App
- UI/UX Design Principles
- Test-Driven Development (TDD)

Professional Experience:

Full Stack Developer: Tooty, Iraq Remote Full-time (Jun 2019 – Present)

Collaborated with a team of developers to design, develop, and maintain web and mobile applications using Laravel and Flutter.

Design and implement the user interface using Flutter widgets:

- Ensure a responsive and visually appealing design across various devices.
- Implement state management using Flutter's state management solutions (Provider, Getx, etc.).
- Integrate with backend APIs (developed in Laravel) to fetch and send data.
- Handle asynchronous operations for API calls.
- Implement navigation within the Flutter application, ensuring a smooth user experience.
- Write unit tests and integration tests for the Flutter application.
- Optimize the Flutter app for performance and responsiveness.
- API Development:
 - Design and develop RESTful APIs using Laravel.
 - Implement endpoints for data retrieval, creation, update, and deletion.
 - Design and manage the MySQL database schema.
 - Create and manage migrations, ensuring database consistency.
 - Implement user authentication and authorization mechanisms.
 - Secure API endpoints and manage user roles and permissions.
 - Develop middleware for tasks such as authentication, logging, and request filtering.
 - Implement data validation on the server side to ensure data integrity.
 - Address security concerns, including protection against SQL injection and other vulnerabilities.
 - Write unit tests and feature tests for Laravel API endpoints.

API Integration (Frontend to Backend):

- Connect the Flutter frontend to the Laravel backend using HTTP requests.
- Handle data serialization and deserialization between frontend and backend.
- Ensure data consistency and synchronization between the frontend and backend.
- Implement effective error handling mechanisms on both frontend and backend.
- Collaborate with DevOps for the deployment of both frontend and backend components.
- Ensure smooth deployment processes and address any post-deployment issues.
- Implement logging mechanisms on both frontend and backend for easier issue identification and debugging.
- Monitor application performance and address any issues that arise.
- Work closely with other developers, designers, and stakeholders to understand and meet project requirements.

- Maintain comprehensive documentation for the entire application, including API documentation and system architecture.

My Project:

1. Android - Sparda App - <https://play.google.com/store/apps/details?id=com.codingwithshawon.shahoeapp&hl=en&gl=US>
2. IOS - <https://apps.apple.com/us/app/sparda/id1641906394>
3. Android - Tooty App - <https://play.google.com/store/apps/details?id=com.codingwithshawon.tooty&hl=en&gl=US>
4. IOS - <https://apps.apple.com/us/app/tooty-%D8%AA%D9%88%D8%AA%D9%8A/id6450464576>
5. Android – Doctor Appointment – Demo available
6. Android - Simple POS – demo available
7. Web: Admin Dashboard

Programmer: Stenz Healthcare (BD) Ltd Dhaka, Bangladesh.
Remote Part-time (Aug 2020 – January 2024)

- Set up new Laravel projects, configure the environment, and ensure proper installation of dependencies.
- Design, implement, and manage the MySQL database schema. Create and manage database migrations using Laravel.
- Develop server-side logic using PHP and the Laravel framework. This includes writing controllers, defining routes, and working with Eloquent ORM for database interactions.
- Integrate frontend templates into Laravel views using the Blade templating engine. Use Laravel Mix or other tools for asset compilation and management.
- Design and implement RESTful APIs if the project involves creating or consuming APIs. Utilize Laravel's API resources and routes.
- Implement user authentication and authorization mechanisms using Laravel's built-in features or custom solutions.
- Develop middleware for tasks such as authentication, authorization, logging, and request filtering.
- Implement data validation to ensure the integrity and security of user inputs. Address security concerns, including protection against SQL injection, cross-site scripting (XSS), and other vulnerabilities.
- Maintain clear and comprehensive documentation for the codebase, including database schema, API documentation, and any custom solutions implemented.
- Identify and resolve bugs and issues promptly. Use debugging tools and logs to diagnose problems.
- Stay updated with Laravel updates, PHP advancements, MySQL best practices, and industry trends. Attend relevant conferences, webinars, or meetups to enhance your skills.
- Participate in the deployment process and manage server configurations to ensure the smooth operation of web applications in production environments.

My Project:

1. **Web:** Stemz Health Care (BD) - <https://stemzhealthcarebd.com>
2. **Web:** Covid Application and reporting - <https://application.stemzhealthcarebd.com/booking/>
3. **Web:** Medical Test and Report: <https://medicaltest.stemzhealthcarebd.com/login.php>
4. **Web:** Imperial Resources Ltd - <https://imperialresourcesltd.com/>
5. **Web:** IRL Tours & Travels - <https://travels.imperialresourcesltd.com/>

Full Stack Developer: Adpix, India Remote Part-time (Jun 2021 – Present)

Collaborated with a team of developers to design, develop, and maintain web and mobile applications using Laravel and Flutter.

Design and implement the user interface using Flutter widgets:

- Ensure a responsive and visually appealing design across various devices.
- Implement state management using Flutter's state management solutions (Provider, Getx, etc.).
- Integrate with backend APIs (developed in Laravel) to fetch and send data.
- Handle asynchronous operations for API calls.
- Implement navigation within the Flutter application, ensuring a smooth user experience.
- Write unit tests and integration tests for the Flutter application.
- Optimize the Flutter app for performance and responsiveness.
- API Development:
 - Design and develop RESTful APIs using Laravel.
 - Implement endpoints for data retrieval, creation, update, and deletion.
 - Design and manage the MySQL database schema.
 - Create and manage migrations, ensuring database consistency.
 - Implement user authentication and authorization mechanisms.
 - Secure API endpoints and manage user roles and permissions.
 - Develop middleware for tasks such as authentication, logging, and request filtering.
 - Implement data validation on the server side to ensure data integrity.
 - Address security concerns, including protection against SQL injection and other vulnerabilities.
 - Write unit tests and feature tests for Laravel API endpoints.

API Integration (Frontend to Backend):

- Connect the Flutter frontend to the Laravel backend using HTTP requests.
- Handle data serialization and deserialization between frontend and backend.
- Ensure data consistency and synchronization between the frontend and backend.
- Implement effective error handling mechanisms on both frontend and backend.
- Collaborate with DevOps for the deployment of both frontend and backend components.
- Ensure smooth deployment processes and address any post-deployment issues.
- Implement logging mechanisms on both frontend and backend for easier issue identification and debugging.
- Monitor application performance and address any issues that arise.
- Work closely with other developers, designers, and stakeholders to understand and meet project requirements.

Web Developer: Matrix Consulting Limited, Nov 2014 - Dec 2015, Dhaka

- ✓ Creating websites using programming languages such as HTML, CSS, and JavaScript. They might use frameworks like Laravel to build interactive and responsive websites.
- ✓ Writing clean, efficient code and conducting testing to ensure the website functions properly across different browsers, devices, and screen sizes
Working closely with web designers to bring their vision and mockups to life.
- ✓ This might involve translating visual design into code and ensuring it remains visually appealing and user-friendly.
- ✓ Incorporating databases into websites and ensuring data is securely stored and accessed. Knowledge of database management systems (e.g., MySQL) might be necessary.
- ✓ Identifying and fixing any issues or bugs within the website, whether related to code, performance, or user experience.

Education:

Bachelor of Science in Computer Science
Dhaka International University Dhaka 2017

Other Client Projects:

Tooty- UAT: Zone System on going

Private Diary: Android

Personal

NRB Equity Management Limited: <https://www.nrbequity.com/>

NRB Leave Application: <https://leave.nrbequity.com/>

Shahajalal Equity Management Limite: <https://www.shahjalalequity.com/>

Tasia Securities Limited: <https://tasiasecurities.com/>

Lancia Stratos bd: <http://lanciastratosbd.com/>

Shazan.Store: <https://shazan.store/login/admin>

Iraq

Md Shajedul Islam