

Shamim Hasnain

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Skills

Languages: C/C++, JavaScript, TypeScript, Dart, SQL, HTML.

Technologies & Tools: React, Next.js, Redux, Flutter, Xampp, Git, Rest Api, Tailwind CSS.

Work Experience

Fusion Infotech Limited, Dhaka Apr 2023 - Present *App Developer*

- Led the development of a Procure-to-Payment application Integrated with Oracle Erp, focusing on project structure and maintaining a scalable codebase. Reduce the redundancy of code by extensively using reusable components.
- Replaced Oracle APEX with a React.js application for report visualization, significantly improving performance, scalability, and maintainability, resulting in increased client satisfaction.
- Collaborated closely with UI designers to shape the application's interface, optimizing user experience and visual design.
- ReactJs, Flutter, JavaScript, TypeScript, Dart, Tailwind CSS, Jwt Token, Rest Api.

Self Employed Dec 2022 - Mar 2023 *Freelance*

- Develops high-performance mobile and web applications using Flutter for mobile and React.js for web, ensuring seamless user experiences across devices.
- Builds tailored solutions with clean architecture, reusable components, and optimized performance, catering to both startups and enterprises.
- Handles everything from UI/UX design implementation, API integrations, state management (Riverpod, Redux), and deployment, ensuring a smooth development lifecycle.
- ReactJs, Flutter, JavaScript, TypeScript, Dart, Tailwind CSS, Jwt Token, Rest Api.

Automation Services Ltd, Dhaka Jul 2022 - Nov 2022 *Flutter Developer*

- Developed a high-performance eCommerce app using Flutter, enhancing user experience and optimizing performance. Leveraged Flutter's cross-platform capabilities to reduce development costs for the company.
- Redesigned the BPDB issue tracking app using Flutter and presented the solution to BPDB management, receiving positive feedback and securing the project for the company.
- Developed a company portfolio app for an electrical firm using React.js, delivering an improved design and enhanced performance, resulting in high client satisfaction.
- ReactJs, Flutter, JavaScript, Dart, Tailwind CSS, Rest Api.

Large IT Solution, Dhaka Apr 2022 - June 2022 *Flutter Developer*

- Optimized performance, redesigned the UI, and implemented new features for an existing eCommerce app called *Bong Baba*, including a partial payment option to enhance functionality and user experience.
- Flutter, Dart, ReactJs, Rest Api.

Enlight Solutions Bangladesh, Dhaka Dec 2021 - Mar 2022 *Internship*

- Built an eCommerce platform for users and admins using WooCommerce REST API by thoroughly reviewing its documentation and designing the UI accordingly.
- Contributed to the Learning Management System *Amader Academy*, focusing on the homepage, multiple-choice questions, and assignment features.
- Flutter, Dart, ReactJs, Rest Api.

Debug BD Ltd, Dhaka May 2019 - Oct 2019 *Internship*

- Learned Flutter by developing a Blood Bank app as a personal project.
- Built a reminder app called *Hedy* and contributed to the UI design of an Air Ticket Booking app.
- Flutter, Dart, Rest Api.

Education

Bangladesh Army University of Engineering & Technology Mar 2015 - Mar 2019 B.Sc. in Computer Science and Engineering **CGPA: 3.81/4** Relevant Coursework: Object Oriented Programming, Databases, Discrete Math, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining.

Project Work

- **Procure-to-Payment (P2P) Automation:** A procurement management application integrated with Oracle ERP, enabling buyers to send invitations to suppliers for registration and quotation submission. Suppliers register via an invitation link, submit their details for approval, and once approved, can respond to purchase requisitions (PRs) by submitting quotations. Buyers convert PRs into RFQs, and once the quotation period ends, they can create and submit a Comparative Statement (CS) for approval. Upon CS approval, a Purchase Order (PO) is generated and sent to the supplier. The awarded suppliers can then create shipments, and after Goods Receipt Note (GRN) completion, they can submit prepayment or standard invoices. Each stage in the process—registration, CS, and invoice—requires multi-level approval, ensuring compliance and control. Implemented JWT-based authentication with session validation and connected seamlessly to Oracle ERP for streamlined operations.

Link: <https://p2p.ssgil.com/>

- **Western Engineering Employee Self-Service Web and Mobile App:** Developed a comprehensive platform enabling employees to apply for leave, loan, and move orders through both web and mobile applications. Key features include leave reimbursement requests, an approval workflow for all application processes, and the ability for users to view remaining leave balances, project details, and employee information, as well as raise complaints.

A standout feature is the geofencing capability, where admin users can set latitude, longitude, and radius parameters for attendance tracking. Employees must be within the specified radius of their designated office to record attendance. The web application includes advanced reporting functionalities, such as leave calendars, employee management via Excel uploads, and synchronization with SAP. Any job or position created in SAP automatically syncs to the web app, ensuring real-time data accuracy.

Additionally, applications submitted through both platforms are synchronized with SAP. The web app is tailored for generating various reports—leave reports, attendance reports, loan requisitions, etc.—with all reports available for download in CSV format and application summaries in PDF format.

Link: <https://weapp.weplbd.com/>

Play Store: https://play.google.com/store/apps/details?id=com.we.wepl_apps&hl=en

- **Amader Academy:** A cutting-edge Learning Management System (LMS) designed to revolutionize the education landscape. This comprehensive application seamlessly integrates various functionalities to enhance the learning experience for students, educators, and institutions.

Play Store: https://play.google.com/store/apps/details?id=com.amaderAcademy.amader_academy&hl=en

- **Bongo Baba:** I had the privilege of spearheading the development of our cutting-edge Flutter eCommerce app. Bongobaba is a dynamic platform that seamlessly merges technology and commerce, providing users with a seamless and engaging shopping experience.

Play Store: <https://play.google.com/store/apps/details?id=com.bongobaba.androidapp&hl=en>

Awards and Certificates

- Placed second in an intra-university programming contest.