

Md Shahriar Hossein

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PROFESSIONAL EXPERIENCE

Junior Software Engineer – WPXPO | July 2025 – Present

- Improved plugins by fixing bugs, enhancing UI/UX, and building new features using React, jQuery, ajax, PHP, and REST APIs.
- Modularized large React components and streamlined PHP logic using reusable functions, reducing overall file size by 10% along with significantly improving maintainability and scalability.
- Optimized dynamic interactions like cart updates, discounts, and real-time UI changes by using jquery and wordpress hooks.
- Diagnosed and resolved user-reported issues, including debugging directly on client sites and shipping patch updates.

Software Engineer – Softdeft (Contract, Remote) | June 2025 – Present

- Solo developer of a scalable Laravel + Livewire course platform, structured for maintainability and future feature growth.
- Designed the database schema and implemented core logics from scratch: multi-module courses, sequential module unlocking, video lessons, quizzes, and real-time progress tracking.
- Developed advanced purchase systems: individual course enrollment, group buying, combo packages, coupon/discount management, and revenue-sharing between instructors and platform.

Junior Software Engineer – DevSpace | January 2024 – August 2024

- Engineered databases and built full RESTful APIs from scratch for 3 in-house projects: an e-commerce platform, hotel management system, and office management tool.
- Built role-based access, OAuth login, and queued email notifications; documented APIs with L5-Swagger to boost frontend integration speed by 25%.
- Created the Vue.js frontend for office management system with attendance and leave automation, that saved 5+ hours/week.

Software Engineer Intern – DevSpace | September 2023 – December 2023

- Progressed from raw HTML/CSS to full-stack development with Linux, Ruby on Rails, and React within 4 months.
- Built RESTful APIs in Ruby on Rails and integrated with React/Next.js frontends using TailwindCSS and Material-UI.

PERSONAL PROJECTS

Learning Management System | Raw PHP, JavaScript, TailwindCSS, HTML, SSLCommerz, MySQL | [GitHub](#)

- Developed an LMS with SSLCommerz payments, role-based dashboards, and course progress features.
- Enabled multi-lesson creation, timed quizzes, and sortable 5-star reviews with feedback.

University Automation System | Raw PHP, JavaScript, HTML, CSS, SSLCommerz, MySQL | [GitHub](#)

- Built a multi-role academic system supporting course offering, tuition payments, grading, attendance tracking, and notices.
- Wrote backend logic for detecting schedule conflicts, checking enrollment status, and securing payments via SSLCommerz.

ACHIEVEMENTS

- **ICPC Asia Dhaka Regional Onsite 2022** | [IUBAT_itsNotUs](#)
- **Champion** - IUBAT Goodbye 2022 Programming Contest
- **Champion** - IUBAT Monthly Contest October 2022
- **6th** - UITS Collaboration Programming Contest 2022
- **Coding Profiles:** [Codeforces](#) (Pupil, Max Rating 1235) | [Codechef](#) (3-Star, Max Rating 1685) | 400+ problems solved
- **7th** - IUBAT CSE Battle of Intellects Spring 2025
- **7th** - IUBAT CSE Battle of Intellects Summer 2022
- **21st** - UAP Collaborative Programming Contest 2022
- **56th** - SEC IUJPC 2022

EDUCATION

International University of Business Agriculture and Technology (IUBAT) | September 2025

B.Sc. in Computer Science and Engineering — CGPA: 3.34 / 4.00

- Executive Member, BASIS Student Forum IUBAT(2022): Organized seminars on internships, GitHub, edu mail, and career guidance.
- Mentor, Programming Club: Led beginner/intermediate C/C++ sessions; managed sessions, mentors, and programming contests.

TECHNICAL SKILLS

- **Languages:** C/C++, PHP, JavaScript, TypeScript
- **Tools:** Git, GitHub, REST API, Swagger, OAuth, SMTP
- **Frameworks:** Laravel, Livewire, Vue.js, React, Next.js, Rails
- **Database & Practices:** MySQL, PostgreSQL; Agile & Scrum