

SHAHRIAR ALAM ALVI

Dhaka, Bangladesh | +880 1626827846 | ✉alam.shahriaralvi@gmail.com | 🌐ShahriarAlvi | 📄ShahriarAlvi

EDUCATION

SHAHJALAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

Bachelor of Science (Engg.)

Major in Software Engineering, CGPA: 3.85/4.0

Sylhet, Bangladesh

Feb 2020 - July 2025

WORK EXPERIENCE

DYNAMIC SOLUTION INNOVATORS (DSi) Ltd.

Junior Software Engineer, Intern

Mohakhali DOHS, Dhaka

Nov 2024 – May 2025

EKHONNI.COM — E-commerce Bidding Platform [\[GitHub\]](#)

- **Technologies:** Next.js, TypeScript, Shadcn/ui, TailwindCSS, useSWR, Git, Trello, Postman
- Led frontend coordination using **Trello**; ensured smooth collaboration and weekly **Git merges**.
- Delivered scalable, reusable UI using Next.js, **TanStack table**, TailwindCSS and ShadCN.
- **Integration** with SpringBoot backend using data fetching and **useSWR** for secure, real-time updates.
- **Key Modules:** product listing, bidding system, account dashboard, payment, and admin-side management.

BUG TRACKER — OpenProject-Integrated Report Portal [\[GitHub\]](#)

- **Technologies:** Laravel, FilamentPHP, PostgreSQL
- Implemented **Single Sign-On (SSO)** authentication via Google using **Laravel Socialite**.
- Built robust **Role-Based Access Control (RBAC)** with Filament Shield to manage user permissions.
- Optimized system integrity by dynamically binding routes, views, and actions to user roles.
- **Key Modules:** OAuth2-based Google SSO, RBAC system, scoped dashboard access.

CLIENT PROJECT — Medical Record System

- **Technologies:** Odoo, Python MVC, PostgreSQL, OpenEMR
- Built custom Odoo modules with **Python MVC**, enforcing **API constraints** and clean **XML UI layouts**.
- Conducted **technical R&D** on scalable patient data management, using **OpenEMR** as a reference.
- Pitched technical proposals, **negotiated scope with clients**, and influenced key architectural decisions.
- **Key Modules:** full-stack module development, client negotiation, R&D-led architectural design.

PROGRAMMING SKILLS

Languages: C++, JavaScript (React), Java, TypeScript

Frameworks and Database: NextJs, SpringBoot, MySQL

Tools: Git & GitHub, Shadcn/ui, FilamentPHP, Trello, Postman, Docker

PROBLEM SOLVING

500+ problems solved, strengthening algorithmic thinking, speed, and data structure mastery.

LeetCode: [ShahriarAlvi](#)

CodeForces: [ShahriarAlvi](#)

VJudge: [Alvi2019831033](#)

PERSONAL PROJECT

MENTORSHIP — Mentor-Mentee Matchmaking Platform [\[GitHub\]](#)

A platform for personalized learning support through mentor-mentee pairings and profile-based skill mapping.

Technologies: React.js, Node.js, MySQL, REST APIs, Postman

- Developed **full-stack modules** including homepage, user profile, skill management, and profile section editing.
- Built dynamic React components and integrated RESTful Node.js APIs for seamless data flow.
- Designed and managed **MySQL schemas** to support user metadata, skills, and progress tracking.
- **Key Modules:** user onboarding, profile customization, skill management, and progress tracking.