

# MD. ESTEAK AHAMED

Full-Stack Developer

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## CAREER OBJECTIVE

Computer Science student with hands-on project experience in Full Stack development in web technologies. Skilled in MERN stack, C++, Python, Java and databases, with a solid foundation in OOP, data structures, and modern software design. Seeking an internship or job opportunity at a leading tech firm to apply technical, problem-solving, and analytical skills while contributing to impactful software solutions.

## SKILLS

**Languages:** C++, Java, Python, R, JavaScript, TypeScript, PHP

**Frontend:** HTML5, CSS3, Tailwind, React, Next.js

**Backend:** Node.js, Express.js, NestJS

**Databases:** PostgreSQL, MongoDB, MySQL, Oracle

**Tools & Others:** Git, GitHub, Postman, Firebase

**Deployment & Hosting:** Vercel, Netlify, Firebase, Surge

**Soft Skills:** Problem-Solving, Team Collaboration, Adaptability, Communication

## PROJECTS

**The Book Haven** | November 2025

[Live Client Server](#)

The Book Haven is a full-stack web application that lets users manage a personal and shared digital library with intuitive search, filtering, and detailed book views. It combines a React frontend with an Express and MongoDB backend to support robust CRUD operations, authentication, and role-aware access for readers and admins.

- Designed a responsive, card-based UI for browsing, searching, and filtering books by category, author, and availability.
- Developed secure RESTful APIs for managing books, users, and orders with input validation and error handling.
- Implemented Firebase authentication with protected routes, role-based behavior, and a comment system for reader feedback.

**Tech:** React, React Router, Firebase Auth, Express.js, MongoDB, TailwindCSS

**Pet Care** | October 2025

[Live Client](#)

Pet Care is a modern web application focused on winter pet care services, helping owners book seasonal treatments, check service details. It emphasizes smooth user experience with responsive layouts, animated sections, and secure access to personalized dashboards.

- Built interactive hero sections, service grids, and expert vet profiles with animations and responsive design.
- Integrated Firebase authentication with registration, login, password reset, and protected profile routes.
- Configured Context API to manage global auth state and implemented PrivateRoute for secure navigation and route guarding.

**Tech:** React, React Router, Firebase Auth, TailwindCSS

**Admin Panel** | December 2025

[GitHub](#)

A full-stack MERN admin panel with JWT authentication, role-based access control, and separate dashboards for admins and users. It includes protected routes, user management capabilities, and a responsive UI built with Tailwind CSS.

- Implemented JWT-based authentication with protected API routes and persistent login sessions on the client side.
- Built role-based access control for admin and regular users, including guarded frontend routes and components.
- Developed admin features for viewing users, updating roles, and activating/suspending accounts from a dashboard.

**Tech:** MongoDB, Express.js, React, Node.js, TailwindCSS

**HealWell** | September 2025

[GitHub](#)

HealWell is a hospital management system built with an MVC pattern to handle appointments, user roles, and basic administrative workflows. It provides separate experiences for doctors, patients, and admins with controlled access to operations such as approvals, updates, and feedback.

- Developed CRUD workflows for managing doctors, patients, appointments, and admin records with role-based checks.
- Implemented approval flows for patient requests and captured feedback to support service quality tracking.
- Used sessions and cookies to manage authentication and maintain a consistent user experience across pages.

**Tech:** PHP, Vanilla JavaScript, CSS, MySQL

## EDUCATION AND CERTIFICATION

**BSc in Computer Science and Engineering**

May 2022 – May 2026 Expected

American International University - Bangladesh, Dhaka, Bangladesh

## LANGUAGES

**Bangla:** Native | **English:** Fluent