S M Hasib Hasnain

Software Engineering Intern · .NET Backend Developer

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Summary

Final-year Software Engineering student at Daffodil International University (CGPA 3.85) looking for a .NET / backend internship. I build ASP.NET Core Web APIs with Entity Framework Core and PostgreSQL, back them with xUnit integration tests, and use AI coding tools to ship complete products fast. Before university I delivered 50+ WordPress sites and 200+ tech articles as a freelancer, so I'm used to working with real clients and deadlines. Available from January 2027, after graduating in December 2026.

Projects

ServiceHub BD, *ASP.NET Core* (*.NET* 10), *EF Core*, *PostgreSQL*, *xUnit* 2026 – *In progress*

Marketplace where customers find and book verified local businesses · Solo project · GitHub

- Built a REST API with ASP.NET Core and EF Core 10 on PostgreSQL, split into feature modules: auth, bookings & slot availability, reviews, team, moderation, billing and analytics.
- JWT authentication with refresh tokens and OTP phone verification; role-based permissions so one account can act as customer, business owner or staff.
- Covered by 56 xUnit integration tests that run the real API against a throwaway PostgreSQL database.
- Designed the product and full UI/UX myself; built with AI-assisted development (Claude Code), including a Bangla React front end generated under my direction.

Chatrabash, *ASP.NET Core* (*.NET* 10), *EF Core*, *SQLite*, *React* 2026

Student dormitory management system · University capstone, team of 3 · Live · GitHub

- Multi-hostel platform replacing manual management: boarder approval with seat allocation, monthly billing and payments, a complaint desk and a moderated student marketplace.
- Owned the backend, UI/UX design and deployment; teammates handled the front end and testing.
- ASP.NET Core Identity with JWT and three roles (super admin, manager, boarder); every manager query is scoped to their own hostel.

Earlier work, *C*, *Java*, *C#* 2023 – 2025

Bus Ticket Reservation System in C: console app with customer/executive/admin roles, seat booking, invoices and file-based storage. Plus C# console projects and Java DSA practice on GitHub.

Skills

Backend — C#, ASP.NET Core Web API, ASP.NET Core MVC, Entity Framework Core, LINQ, REST APIs, JWT auth

Databases — PostgreSQL, MySQL, SQLite

Testing & tools — JMeter, Postman, xUnit, Git & GitHub, Visual Studio, VS Code, Linux (Fedora), Claude Code

Other languages — Java, C, JavaScript, HTML, CSS, Bootstrap, Tailwind CSS, WordPress

Concepts — OOP, SOLID, dependency injection, data structures & algorithms, Agile/Scrum

Freelance Experience

Freelance WordPress Developer 2021 – 2023

Built and customized 50+ WordPress sites (blogs, forums and WooCommerce stores) for local clients found through Facebook communities and referrals, from requirements to setup and handover.

Freelance Tech Writer (Bangla) 2019 – 2023

Wrote 200+ Bangla technology articles for bloggers and clients; grew my own tech blog and later sold it.

Education

BSc in Software Engineering, *Daffodil International University* 01/2023 – 12/2026

CGPA 3.85 / 4.00 Expected

Leadership

Software Quality Assurance and Testing Club, *Founding Vice President* 01/2026 – 08/2026

Helped found the club and set up its first committee; organized workshops on software testing and QA; mentored junior members. *DIU*

Award

Standup Hackathon, *Software Engineering Club, DIU* 2024
4th Place out of 120 teams.

Community Based Best Story Telling Award, *CDSTF, Journalism Dept., DIU* 2025
Directed and edited an award-winning community short film.