

Sayem Ahmed

Nationality : Bangladeshi

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Summary

I am a motivated backend-focused Software Engineer with a solid foundation in object-oriented programming and experience solving complex problems. I'm passionate about learning continuously and adapting to new challenges. With good English communication skills, I collaborate well within global teams and I'm always eager to adapt to new challenges and grow both personally and professionally.

Experience

- **Syntax Systems Co.** Dhaka, Bangladesh
Software Engineer - Internship Oct. 2022 - May 2023
 - Spearheaded web application development using Java, React.js, Bootstrap, Firebase.
 - Adopted Agile practices to optimize workflow and learned to create comprehensive documentation.
- **Welldev Bangladesh** Dhaka, Bangladesh
Junior Software Engineer Feb. 2024 – Present
 - Primarily focused on backend development for TrueAct, a scalable enterprise web application delivering global customer experience solutions.
 - Designing and implementing backend features using Java, Spring Boot, Spring MVC, Spring Security, and JPA.
 - Managing database interactions with SQL and ensuring schema consistency through Flyway migrations.
 - Collaborating on RESTful API development, secure authentication flows, and modular service architecture.
 - Occasionally contributing to the frontend using Angular, ensuring seamless integration with backend services.
 - Working in a fast-paced Agile environment, collaborating with cross-functional teams through daily stand-ups, sprint planning, and code reviews.

Projects

- **Amar Nodi** Dhaka, Bangladesh
April 2023 - December 2023
 - **Client:** Bangladesh Army, Ministry of Water Resources.
 - **Technologies Used:** Next.js, TypeScript, Bootstrap, Material UI.
 - **Responsibilities:**
 - * Built responsive, user-friendly interfaces with HTML, CSS, and JavaScript.
 - * Developed advanced forms with robust validation using AJV Schema Validator.
 - * Implemented 50+ REST APIs for mobile and web applications.

Participations

• Competitive Coding Achievements

Participant

- **UIU Coder Combat:** Achieved 2nd Runner-Up position.
- **Code Samurai 2019:** Participated in hackathon.
- **ICPC:** Engaged in coding contest.
- **Ratings on Coding Platforms:** Participated in over 1000 problems and 120 contests.
 - * **Codeforces:** Highest rating of Pupil, 1357. Participated in 59 contests.
 - * **CodeChef:** Highest rating of 1669 (3*). Participated in 19 contests.
 - * **AtCoder:** Highest rating of 195-10 kyu. Participated in 20 contests.

Profiles

- **LinkedIn:** <https://www.linkedin.com/in/sayem-ahmed-b34b5517b/>
- **GitHub:** <https://github.com/Ahmed-Sayem>
- **Codeforces:** <https://codeforces.com/profile/SayemAhmed>
- **CodeChef:** <https://www.codechef.com/users/sayem>
- **LeetCode:** <https://leetcode.com/sayem/>
- **AtCoder:** <https://atcoder.jp/users/SAYEM>

Programming Skills

- **Languages:** C, C++, Java, JavaScript, HTML, CSS
- **Technologies:** ReactJS, Next.js, MySQL, REST api, Bootstrap, GIT, Material UI
- **Soft Skills:** Clear Communication, Highly Organized, Innovative Problem-Solving, Attention to Detail

Education

• United International University

Bachelor of Science in Computer Science and Engineering

Dhaka, Bangladesh

Jan. 2019 - May. 2023

Research Paper Publication

• BDMediLeaves

October 2023

- **Title:** BDMediLeaves: A dataset for Bangladeshi medicinal plants.
- **Objective:** Introduced a new dataset with 2,029 original and 38,606 augmented leaf images.
- **Data Collection:** Conducted over six months in Dhaka, Bangladesh.
- **Dataset Features:** Images labeled by experts; optimized for machine learning.
- **Accessibility:** Available on Mendeley Data. DOI: 10.17632/gk5x6k8xr5.1.