

TAMIM HASAN SAAD

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EDUCATION

Bangladesh University of Engineering and Technology
BSc in Computer Science and Engineering

Expected graduation: March 2026

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript, TypeScript, Go, SQL
Frontend: React.js, HTML5, CSS3, Tailwind CSS
Backend: Express.js, Spring Boot, MongoDB, PostgreSQL, REST APIs
Tools: Git, Docker, Figma, LaTeX, Netlify
Concepts: OOP, Machine Learning, Algorithms
Soft Skills: Analytical Problem-Solving, Teamwork, Communication

EXPERIENCE

Software Engineer Trainee, Pridesys IT Ltd.
Dhaka, Bangladesh · Part-time

Apr 2025 – Present

- Created key UI components for an internal chat system, including **checkboxes, toggles, radio buttons, avatars, buttons, and the navbar interface**.
- Implemented advanced chat features such as **message display, reactions, pinned messages, member list, notifications, and channel modals**.
- Extracted real-time data from a **Matrix server** to display dynamic content.
- Programmed frontend components using **TypeScript** and state management with **Zustand**

PROJECTS

TRAQ Messaging App [*JavaScript, React, TRAQ API*] [[YouTube](#)] [[GitHub](#)]

Mar 2025

- Integrated real-time features including direct messaging, channels, and activity tracking.
- Connected front-end with back-end via API integration using React and traQ APIs.

ByteFixers – Project Management Tool [*MERN, Gemini API*] [[YouTube](#)] [[GitHub](#)]

Jan 2025 - Mar 2025

- Incorporated AI-powered task assistance using the Gemini API
- Implemented real-time chat, dashboard, task handling, notification system.
- Automated testing with Jest and established a CI/CD pipeline using GitHub Actions.

BUET Institutional Information System (BIIS) Clone [*JavaScript, Node.js, Express, Oracle Database, SQL*] [[GitHub](#)]

Jan 2024

- Designed a web-based system replicating BUET's information system.
- Added authentication and role-based access control for security.

CERTIFICATIONS

- SQL (Intermediate) – [HackerRank](#).
- Advanced Learning Algorithms (Machine Learning) – [Coursera](#).
- Participant at Learnathon 3.0: Fresher Training Program by Geeky Solutions - [Certificate](#)

ACHIEVEMENTS

- Earned a **Gold** (5-star) badge in Problem Solving on [HackerRank](#).
- Attained a peak rating of **1213** on [Codeforces](#).
- Achieved **Gold** (5-star) and **Bronze** (3-star) badges for C++ and Java/Python, respectively on [HackerRank](#).
- Ranked **5th** out of 100+ participants in the Intra-College Math Olympiad 2018 at RAJUK Uttara Model College.