TAMIM HASAN SAAD

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EDUCATION

Bangladesh University of Engineering and Technology   Expected graduation: March 2026
BSc in Computer Science and Engineering

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.   Apr 2025 – Present
Dhaka, Bangladesh • Part-time

- Created key UI components for an internal chat system.

- Implemented advanced chat features such as message handling, threads, reactions, pinned messages, member notifications, channel modals, and more.

- Extracted real-time data from a Matrix server to display dynamic content.

- Developed components using TypeScript and managed state 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.