

TAMIM HASAN SAAD

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EDUCATION

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

Expected graduation: Mar 2026

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript, TypeScript, Go, SQL

Frontend: React.js, HTML5, CSS3, Tailwind CSS

Backend: Express.js, MongoDB, PostgreSQL, REST APIs

Tools: Git, Docker, Figma, LaTeX, Netlify, Shell Scripting, Azure VM

Concepts: OOP, Machine Learning, Algorithms

EXPERIENCE

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

Apr 2025 - Present

- Collaborated with the CloudErp team to develop an internal chat system
- Implemented key features like message handling, threads, reactions, pinned messages, profile and modals.
- Integrated Matrix server APIs to extract and display live chat data in real time.

Teaching Assistant, Daffodil International University (DIU)
Dhaka, Bangladesh • Part-time

Aug 2024 - Present

- Assist in preparing study materials for the 2.0 credit micro-credential course *"AI for Public Health"*.
- Resolved 30+ student queries weekly and assessed academic assignments

PROJECTS

StuddyBuddy – AI-Powered Study Platform [*React, Postgres, Qdrant*] [\[Demo\]](#) [\[Code\]](#) Jun 2025 – Jul 2025

- AI-based study tool to generate quizzes, sticky notes, and evaluate answers using Gemini API.
- Integrated Qdrant-based semantic search and implemented PDF annotation using third-party libraries.
- Deployed the full-stack application with Docker and GitHub Actions, hosted on an Azure VM.

TRAQ Messaging App [*JavaScript, React, TRAQ API*] [\[Demo\]](#) [\[Code\]](#)

Mar 2025

- Real-time chat frontend 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 AI*] [\[Demo\]](#) [\[Code\]](#)

Jan 2025 - Mar 2025

- AI-powered task assistance using Gemini API featuring task handling, dashboard, notification.
- Automated testing with Jest and established a CI/CD pipeline using GitHub Actions.

CERTIFICATIONS

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

ACHIEVEMENTS

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