

Ummay Saima

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 [Portfolio](#) | Location: Dhaka, Bangladesh

SUMMARY

Recent **BSc graduate** in **Computer Science and Engineering** from **IUBAT** (CGPA: **3.65**) with hands-on experience through Software Engineering and Full-Stack Development internships. Skilled in building responsive web applications using the **MERN stack**, designing RESTful APIs, implementing secure authentication, and working with SQL and NoSQL databases. Proficient in **JavaScript, TypeScript, Python, C/C++**, React.js, Next.js, and Tailwind CSS, with a solid foundation in object-oriented programming and software engineering principles. A fast learner with strong analytical, problem-solving, and collaboration skills, eager to contribute to real-world software products as a **Software Engineering Intern**.

KEY SKILLS

Programming	C++, JavaScript, TypeScript, Python.
Frontend	HTML5, CSS3, React.js, Next.js, Tailwind CSS, Responsive Web Design.
Backend	Node.js, Express.js, RESTful APIs, JWT Authentication, Middleware.
Databases	MongoDB, Mongoose, MySQL, SQL.
Tools	Git, GitHub, Postman, Docker, GitHub Actions, Vercel, Render.
Integration	Socket.io, OAuth, Third-party API Integration.
Software Engineering	Object-Oriented Programming, Data Structures & Algorithms, Agile/Scrum, Technical Documentation.
Soft Skills	Analytical Thinking, Problem Solving, Team Collaboration, Communication, Adaptability, Time Management, Emotional Intelligence.

LEARNING & INTERESTS

Currently exploring and strengthening skills in:

- **Software Engineering Practices:** Writing clean, maintainable code, applying design principles, and improving software architecture.
- **Backend & Cloud Technologies:** Expanding knowledge of Docker, cloud deployment, CI/CD workflows, and scalable backend development.
- **Testing & Quality Assurance:** Learning unit testing, integration testing, and best practices for building reliable software systems.
- **Emerging Technologies:** Exploring AI-assisted development tools and modern frameworks to enhance software productivity and user experience.

SELECTED PROJECTS

CollabCircle Website (Ongoing)	Contributed to the development of the official organizational website by building responsive interfaces, implementing backend features, and collaborating with cross-functional teams in an Agile environment. Tech: React.js, Node.js, Express.js, MongoDB, Socket.io. Live GitHub
Dazzling Diva	Developed a full-stack e-commerce platform with separate Admin and Client applications, featuring secure authentication, product management, order processing, and role-based access control. Tech: Next.js, React, TypeScript, Node.js, Express.js, MongoDB, Mongoose, JWT, Argon2, Zod.

[GitHub](#)

AuctionArc

Built a real-time online auction platform supporting live bidding with WebSockets, secure JWT authentication, payment gateway integration, watchlists, and role-based dashboards for buyers, sellers, and administrators.

Tech: React.js, Node.js, Express.js, MongoDB, Socket.io, JWT, Stripe.

[Live](#)

[GitHub](#)

PROFESSIONAL EXPERIENCE

Full Stack Software Developer Intern	Goinnovoir Limited - Building and maintaining MERN-based web applications, developing RESTful APIs, and delivering responsive, production-ready features in a collaborative environment.	May 2026 - Present
Executive & Researcher	CollabCircle - Contributing to software projects, research initiatives, and cross-functional collaboration for digital platform development.	Jun 2026 - Present
Software Engineer Intern	AcadexLab - Developed frontend and backend features, integrated RESTful APIs, and resolved application issues in an Agile development environment.	Feb 2026 - May 2026
Martial Arts Teacher (Part-Time)	Cambridge Scholars' School & College - Delivered Taekwondo instruction while mentoring students and developing leadership and communication skills.	Mar 2024 - Mar 2026
Assistant Taekwondo Instructor (Part-Time)	Vatara Taekwon-Do Association - Assisted in coaching, training programs, and competitions while promoting teamwork and discipline.	Dec 2023 - Mar 2026

EDUCATION

2022-2026	BSc in Computer Science & Engineering, IUBAT	(CGPA: 3.65)
2020	HSC, Shaheed Bir Uttam Lt Anwar Girls' College	(GPA: 5.00)
2018	SSC, Bhola Govt. Girls High School	(GPA: 5.00)

HONORS & AWARDS

- **National ITF Taekwondo Champion (Black Belt)** - Bangladesh.
- **Best Volunteer** - Awarded by **Vatara Taekwon-Do Association** for outstanding dedication and contribution (*June 2023*).
- **1st Place (Pattern) & 2nd Place (Sparring)** - **Bangabandhu 14th National ITF Taekwondo Championship** (*April 2023*).
- **3rd Place** - **Bangladesh 14th National ITF Taekwondo Championship** (*October 2022*).
- **2nd Place** - Running Competition, **SAGC Annual Sports** (*January 2019*).

HOBBIES

- Reading
- Horse Riding
- Swimming