

SHAHRIAR SAKHAWAT TAHIN

Junior Software Engineer

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PROFESSIONAL SUMMARY

Computer Science graduate with a strong foundation in **Object-Oriented Programming, Data Structures, and Algorithms**, backed by 200+ problems solved on Beecrowd. Experienced in full-stack software development across multiple languages (Java, JavaScript/TypeScript, Python, C/C++), with hands-on work in RESTful API design, database systems, and clean software architecture (MVC). Quick learner comfortable adapting to new stacks and frameworks. Seeking a Junior Software Engineer role to apply strong problem-solving skills and contribute to well-engineered, maintainable software.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, C++

Core Competencies: Object-Oriented Programming (OOP), Data Structures & Algorithms, Problem Solving, Software Design

Web Development: React.js, Next.js, Node.js, Express.js, RESTful API Design, MVC Architecture

Database: MongoDB, MySQL, Database Design

Tools & Practices: Git, GitHub, Postman, JWT Authentication, Agile/SDLC

PROJECTS

ISP Management System | Java, OOP, MySQL

- ✧ Designed a desktop application applying core OOP principles — encapsulation, inheritance, and polymorphism — to model real-world business entities
- ✧ Built a normalized relational database schema in MySQL and implemented complex SQL queries for data operations

GitHub: github.com/tahin18t/ISP-Management

E-Commerce Platform | Full-Stack, MVC Architecture

- ✧ Engineered a full-featured web application following MVC architecture with a clear separation of concerns
- ✧ Designed and implemented secure authentication (JWT, OTP) and integrated a third-party payment gateway
- ✧ Built RESTful API endpoints handling business logic for cart, wishlist, and invoice generation features

GitHub: github.com/tahin18t/e-commerce

ToDoList — Task Management API | REST API Design

- ✧ Designed and developed a RESTful backend API supporting full CRUD operations and advanced filtering logic
- ✧ Structured a scalable, maintainable route and controller architecture for efficient data handling

GitHub: github.com/tahin18t/ToDoList

EDUCATION

B.Sc. in Computer Science & Engineering — Daffodil International University

2022 — 2026 | CGPA: 3.53 / 4.00

Higher Secondary Certificate (Science) — Cox's Bazar City College

2021 | GPA: 4.17 / 5.00

Secondary School Certificate (Science) — Panirchara Adarsha High School

2019 | GPA: 3.94 / 5.00

CERTIFICATIONS & COURSES

Full Stack Web Development with MERN — OSTAD

AWS Academy Machine Learning Foundations — AWS Academy

DevOps Workshop for Absolute Beginners — OSTAD

Object-Oriented Programming Fundamentals — GoEdu

+ 3 more courses & contest certificates — full list on portfolio

ACTIVITIES & ACHIEVEMENTS

Solved 200+ problems on **Beecrowd** — strong DSA & problem-solving foundation

Takeoff Competition - Top 5 out of 700+ participants (Section Champion)

Unlock The Algorithm - Finalist, Top 10 out of 500+ Participants

LANGUAGES

Bengali: Native

English: Conversational

Hindi: Conversational