

Md Tashibul Islam

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Summary

Computer Science undergraduate with hands-on experience in developing web, mobile, and graphics-based applications. Built projects including a full-stack e-commerce platform, a secure chat application using hybrid encryption, an AI-based strategy game, and OpenGL simulations. Strong foundation in core computer science concepts with a focus on building efficient and practical real-world solutions.

Education

Khulna University of Engineering & Technology (KUET) <i>B.Sc. in Computer Science and Engineering</i>	2020 – Present CGPA: 3.71
Notre Dame College, Dhaka <i>Higher Secondary Certificate (HSC)</i>	2018 – 2020 Golden A+

Technical Skills

Programming Languages	C, C++, JavaScript, Java, Python
Frameworks	Laravel (PHP)
Database	MySQL, Firebase
Tools	Git, GitHub, Postman, XAMPP
IDEs	Android Studio, VS Code, OMNeT++ IDE

Major Projects

- TechTrove – E-commerce Platform** | *Laravel, MySQL, JavaScript, Bootstrap* [Link](#)
Full-stack e-commerce platform featuring product search, cart, wishlist, review, and order management. Implemented JWT(OTP) authentication and an admin dashboard with inventory and analytics tracking.
- EchoNest – Secure Messaging Platform** | *Java, Firebase* [Link](#)
Android-based messaging platform with end-to-end encryption using AES-256 and RSA-2048. Integrated Firebase for real-time messaging, media sharing, and authentication with secure key management.
- Router Flooding & Learning Simulation** | *C++, OMNeT++* [Link](#)
Simulated an intelligent routing system using flooding and learning switch mechanisms. Implemented DNS caching and dynamic path learning to optimize network performance.
- BlogHub – Blog & Services Platform** | *Laravel, Vue.js, Stripe* [Link](#)
Designed a full-featured platform for blogging and service management with JWT authentication and Stripe payment integration. Built admin dashboard and user management features.
- SquidStrike – Strategy Game with AI** | *Python, Flask* [Link](#)
Developed a turn-based tactical game implemented with AI opponents using Minimax with Alpha-Beta pruning. Designed AI strategies, interactive UI, and real-time game state management.

Leadership & Activities

Organizing Secretary <i>KUET Cyber Security Club (KCSC)</i>	Jan 2026 – Present
Library Committee Member <i>Fazlul Haque Hall, KUET</i>	Nov 2025 – Present