

# ARNOB GHOSH

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## Summary

Aspiring Software Engineer with a solid foundation in computer science and hands-on experience in building scalable, user-focused web applications. Proficient in React.js, Next.js, Node.js, Express.js, and MongoDB, with a command in version control and modern frontend tools. Experienced in creating real-time chat apps, e-learning platforms, and admin dashboards with attention to performance, security, and responsive design. Passionate about continuous learning and eager to contribute to impactful software development teams.

## Skills

**Programming Languages:** C++, Python, JavaScript.

**Version Control:** Git, GitHub

**Frontend:** HTML5, CSS3, TailwindCSS, Shadcn/UI, React.js, Material UI, Next.js.

**Other Skills:** Microsoft 365, Linux Commands, SQL, SRS Documentation

**Backend:** Node.js, Express.js, PHP.

**Soft Skills:** Problem-solving, Teamwork, Analysis, Adaptability, Communication

**Database:** MongoDB, Basic PostgreSQL.

**Languages:** Bengali, English.

**Deployment & Tool:** Vercel, Postman

## Work Experience

### Frontend Developer Intern | Raktch Technology & Software

Feb-May 2025

- Contributed to the development of the admin and vendor dashboards of Raktch Store, an e-commerce platform, using modern frontend technologies.
- Collaborated on a chatbot project, focusing on frontend design and integration to enhance user interaction and functionality.
- Gained practical experience in responsive web development, API integration, and front-end performance optimization.

**Technologies Used:** React.js, Next.js, TailwindCSS, Axios, MaterialUI, Swagger.

## Personal Projects

### SyncRonus-Realtime Chat Application – [LINK](#)

- Developed a fully functional real-time chat application with features like live chat, group messaging, and file handling using **React.js, Socket.io, Node.js**.
- Implemented secure user authentication using JWT and file handling via Multer.
- Designed a responsive UI with **Shadcn/UI** and **Tailwind CSS**, managing state with **Zustand**.

**Technologies Used:** React.js, Shadcn/UI, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.io, JWT, Multer, Zustand, Axios.

## **StudyNotion-Edtech Application – [LINK](#)**

- Developed an e-learning platform using secure **JWT**-based authentication, **OTP verification**, and password recovery.
- Enabled instructors to manage courses and students to browse, wishlist, and enroll via full **CRUD** functionality.
- Integrated **Razorpay** for payments and **Cloudinary** for media handling.

**Technologies Used:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Bcrypt, JWT, Cloudinary, Razorpay, Axios.

## **Education**

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### **American International University – Bangladesh**

Kuratoli, Dhaka

Bachelor of Science in Computer Science & Engineering

July 2025

**Cumulative GPA:** 3.73/4.0

**Relevant Coursework:** OOP, Databases, Software Engineering, DSA, OS, Computer Networks, OOAD

## **Academic Projects**

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### **AIUB CONNECT-University Social Media-[LINK](#)**

- Designed and implemented a university social media website in 4-person team using HTML, CSS, PHP, Java Script, jQuery, Ajax.
- Enable users to interact with each other and faculties and perform specialized tasks.

### **Online Pharmacy Management System -[LINK](#)**

- Designed and created a desktop application for an online pharmacy in 4-person team using .NET.
- Customers can purchase medicine and staff manage sales from the staff panel.

## **Certifications**

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### **Cisco IT Essentials – [LINK](#)**

### **Cisco Ethical Hacker – [LINK](#)**

## **References**

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**Md Manirul Islam**, Associate Professor

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**Sudipta Ghosh**, Technical Lead

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