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Computer Science & Engineering  
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📄 [Leetcode Profile](#)  
🐙 [GitHub Profile](#)  
🌐 [LinkedIn Profile](#)  
🌐 [Portfolio Website](#)

## EDUCATION

- **National Institute of Technology Agartala** [🔗](#) Nov 2022 - May 2026  
*Bachelor of Technology in Computer Science : Agartala, Tripura* CGPA: 8.17
- **Bishalgarh Class XII School** [🔗](#) Jun 2019 - Apr 2021  
*Higher Secondary (XII) : Bishalgarh, Tripura* Percentage: 88%
- **Purba Laxmibill H/S School** [🔗](#) Jun 2019  
*Secondary Education : Purba Laxmibill, Tripura* Percentage: 89%

## TECHNICAL PROJECTS

- **DocEasy** [🔗](#)  
*Tools: React.js, Node.js, Express.js, MongoDB, Socket.IO, JWT, bcrypt.js, Google Gemini API, Postman, Git, GitHub, Cloudinary, WebRTC*
  - Built a full-featured **doctor appointment booking system** enabling patients to search **30+** doctors by specialization, book or cancel appointments (**up to 24 hours in advance**), and manage personal profiles seamlessly.
  - Implemented dedicated **admin and doctor panels** enabling efficient **appointment management**, **real-time analytics**, and **profile customization**.
  - Key features include **video consultations** using **Socket.IO** and an AI assistant powered by **Google Gemini** to answer patient queries, reducing manual workload by **30%**.
- **NITA-Shopi** [🔗](#)  
*Tools: React.js, Node.js, Express.js, MongoDB, JWT, bcrypt.js, Postman, Git, GitHub, Cloudinary*
  - Engineered a **campus-wide marketplace** where students can list, buy, and sell **200+** **pre-owned** items across **10+** **categories**.
  - Designed an automated listing approval workflow, flagging **90%** of inappropriate or duplicate listings to ensure item quality, improving user trust and platform reputation.
  - I handled the backend part, including **APIs**, **authentication**, and **database integration**. Ensured high availability with optimized MongoDB queries and modular backend architecture, achieving **99.9% uptime** in testing
  - It promotes **sustainability** by encouraging **reuse of products** among peers.
- **Youtube** [🔗](#)  
*Tools: Node.js, Express.js, MongoDB, JWT, bcrypt.js, Postman, Git, GitHub, Cloudinary, Multer*
  - This project is a backend implementation of core **YouTube-like features**.
  - It includes functionalities like user **authentication**, **video uploads**, **likes/dislikes**, **comments**, **subscriptions**, and even **tweet-style** posts, enhancing engagement by **60%** over baseline tests
  - Implemented a comprehensive API security framework, mitigating potential vulnerabilities such as cross-site scripting (**XSS**) and SQL injection attacks, achieving a zero-incident security record for the platform.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C , C++ , Javascript.

**Web Dev Tools:** HTML, CSS, ReactJs, Bootstrap, TailwindCSS, NodeJs, Express, Socket.io, RESTful APIs, Postman.

**Databases:** MongoDb, MySQL.

**DevOps & Version Control:** Docker , Git , Github , VS Code.

**Cloud Technologies:** Cloudinary.

**Soft Skills:** Algorithmic Thinking, Self-Driven Learning, Cross-Functional Collaboration, Agile Team Contributor, Clear Technical Communication.

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networks, Software Engineering.

## ACHIEVEMENTS

- **Leetcode:** Solved **750+** problems, reaching a peak rating of **1567**, ranked **4255 globally** in Biweekly Contest 153.
- **GFG:** Completed **170+** questions with a top rating of **1757**. Achieved **global rank 256** in GFG Weekly - 199 [Rated Contest].
- **Codechef:** **3\* on Codechef**. Placed **20th globally** in Starters 113 Division 4 (Rated).
- Achieved **3rd place** in a **Game of Codes CP Hackathon** among **20+** teams.
- **Codeforces:** Tackled **380+** problems, earning a peak competitive rating of **1073**.