

# SANTANU DAS

santanudas8506@gmail.com | (+91) 8131826497

 @SantanuDas7095

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## PROFESSIONAL SUMMARY

B.Tech undergraduate at **NIT Agartala** and Full-Stack Web Developer with hands-on experience building production-ready applications like **Heritage Hub (MERN stack)** and **CEWN (Firebase, Next.js)**. Strong in **JavaScript (ES6+), REST APIs, MongoDB, and responsive UI development**, with a focus on delivering end-to-end solutions. Seeking **Software Engineering Intern** roles.

## SKILLS

- ❖ **Languages:** JavaScript (ES6+), Java, C Programming.
- ❖ **Frontend:** HTML5, CSS3, Tailwind CSS, Bootstrap, React.js, Next.js, Responsive Web Design.
- ❖ **Backend Technologies:** Node.js, Express.js, RESTful APIs, MVC Architecture.
- ❖ **Databases & Cloud:** MongoDB, SQL, Firebase Firestore, Cloudinary, Firebase Authentication.
- ❖ **Tools & Version Control:** Git, GitHub, Vercel, Firebase Studio, API Integration, Debugging.
- ❖ **Core Concepts:** Full-Stack Development, CRUD Operations, Authentication & Authorisation, Database Design, Deployment.

## EDUCATION

- |   |                                  |
|---|----------------------------------|
| ❖ B.Tech   National Institute of Technology, Agartala | <i>CGPA: 7.2   (2024 – 2028)</i> |
| ❖ XII (CBSE)   Bhavans Tripura Vidya Mandir, Agartala | <i>73.8%  2024</i>               |
| ❖ X (CBSE)   Bhavans Tripura Vidya Mandir, Agartala   | <i>85.4%  2022</i>               |

## ACADEMIC PROJECTS

- ❖ **Heritage-Hub** | *MERN Stack (MongoDB, Express, React, Node.js), Tailwind CSS* | Aug 2025 – Dec 2025
  - Built a full-stack **MERN** e-commerce platform serving **100+ products** with **secure authentication and CRUD operations** dedicated to showcasing and selling local arts and crafts from Northeast India.
  - Designed a modern, responsive user interface using **ReactJS** and **Tailwind CSS** for an enhanced shopping experience.
  - Integrated **Cloudinary** for efficient media management and deployed the application on **Vercel**.
  - Developed secure **REST APIs** and managed data persistence using **MongoDB**.
- ❖ **Campus Emergency & Wellness Network (CEWN)** | *Firebase Studio, FireStore* | Jan 2026 – Present
  - Developed a unified digital platform for NIT Agartala to manage student well-being and emergency responses.
  - Implemented features for health services management and streamlined emergency communication across the campus.
  - Utilised **Next.js** for a responsive frontend and **Node.js** for robust backend operations.

## ACHIEVEMENTS & ACTIVITIES

- **Top 10 Finalist, GDG Open Verse Hackathon:** Ranked among the top 10 teams out of all participants in a high-stakes hackathon conducted by **GDG IIIT Agartala**.
- **Coding Contests:** Participated in 10+ contests across platforms, improving speed and accuracy.
- **Soft Skills:** Agile Development, Technical Documentation, Problem Solving, Rapid Prototyping, Peer Mentorship.