

Amit Ranjan Das

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Portfolio

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SKILLS

- **Languages:** Java, HTML, CSS, JavaScript, Solidity
- **Frameworks:** React.js, Express.js, Node.js
- **Tools:** Git, MySql, MongoDB, Linux

INTERNSHIP

- **Summer Internship, NIT Silchar** Jun – Jul, 2025
 - Working on a **blockchain**-integrated Document Management System using MERN stack, Solidity, and IPFS for secure and decentralized document storage.
 - Implementing smart contract-based verification to ensure data integrity and reduce document verification time below 2 seconds.

PROJECTS

- **Code Typing Platform [Typerr]** [Project Link](#)
 - Developed a web-based typing platform for coders with **multilanguage** support (Python, JavaScript, Java, C++) and dynamic code templates to improve practice relevance.
 - Implemented **difficulty levels**, real-time **timers**, and MongoDB-based **history** tracking for personalized progress and adaptive learning.
 - Boosted user coding speed by **40%** using interactive features, performance analytics, and time-optimized practice sessions.
- **Hospital Management System [Deepak]** [Project Link](#)
 - Designed and deployed a hospital management system using **Java** (backend) and **MySQL** (database) for efficient data handling and system integration.
 - Automated key processes like patient registration, bed allocation, and facility tracking, reducing administrative workload by **66.67%**.
 - Improved operational efficiency and patient care by **20%** through centralized data access and workflow automation.

EDUCATION

- **National Institute of Technology, Silchar** Assam, India
B.Tech - Electronics and Communication Engineering Nov 2022 - May 2026
- **Sualkuchi Junior College, Sualkuchi** Assam, India
Higher Secondary ; Percentage: 91% Jul 2019 - May 2021
- **Sualkuchi Jatiya Bidyalaya, Sualkuchi** Assam, India
Secondary ; Percentage: 85% Jan 2007 - Mar 2019

CERTIFICATIONS

- **Supervised Machine Learning by DeepLearning.AI** [View](#)
- **AICTE 4-weeks Winter Internship** [View](#)
- **TCS iON Career Edge - Young Professional** [View](#)

EXTRACURRICULARS

- Winner of NITS Hacks at Technoosis 2024, NIT Silchar
- Part of the Event Management Team for Assamese Spring fest POSUA 2025 at NIT Silchar