Asraful Hoque

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Bachelor of Technology
National Institute of Technology, Jamshedpur

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EDUCATION

•**Bachelor of Technology in Electronics and Communication Engineering** — *2023-27*
National Institute of Technology, Jamshedpur — CGPA: 8.69

•**Class 12 (Intermediate)** — *2022*
Abdul Hasib HS School, Hojai — Percentage-85%

•**Class 10 (Secondary School)** — *2020*
Kalatoli Kathmi Anchalik Senior Secondary School, Boko — Percentage-94.5%

PROJECTS

Blog Management Platform — *React, Appwrite (DB, Storage, Auth), TailwindCSS, Redux*

- Engineered a responsive Single Page Application (SPA) for secure blog CRUD operations using RESTful APIs.
- Leveraged Appwrite for backend services, including database, file storage, and role-based authentication.
- Optimized state management with Redux and styled the user interface using TailwindCSS.
- **GitHub**: View Code | **Live Demo**: Visit Site

Smart Web Note-Taking Extension — *React, Chrome Extensions API, Local Storage, jsPDF*

- Engineered a Chrome extension enabling dynamic text highlighting, contextual note retrieval, and PDF export.
- Leveraged chrome local storage for offline data management and React for an interactive UI.
- Integrated Chrome Extensions API for seamless web interaction and site-specific note display.
- **GitHub**: View Code

TECHNICAL SKILLS AND INTERESTS

Languages: Java, C/C++, Python, JavaScript, HTML+CSS
Libraries: Java Collection Framework, C++ STL, ReactJs, Python Libraries
Web Dev Tools: Node.js, VSCode, Git, GitHub
Frameworks: ReactJs
Cloud/Databases: MongoDB, Appwrite, Relational Database (MySQL)
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming
Areas of Interest: Web Design and Development, Competitive Programming
Soft Skills: Problem Solving, Self-learning, Adaptability

ACHIEVEMENTS

•**Codeforces:** Maximum Rating - Pupil

•**Ranked Top 5 Place in SECE Competitive Programming Contest** conducted by SECE, NIT Jamshedpur

•**Codechef:** Maximum Rating - 1463

• **5 Star** on Hackerrank on Problem Solving

•**Global Rank 4922** in Codeforces Round 963 (Div. 2)

POSITIONS OF RESPONSIBILITY

•**Member of Web Team**: IEEE student branch, NIT Jamshedpur

•**Active Member**: National Service Scheme (NSS), NIT Jamshedpur

•**Volunteer Educator**: Sankalp Initiative, NIT Jamshedpur