

BAHNIMAAN KASHYAP

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EDUCATION

B.Tech, Computer Science and Engineering - CGPA - 8.50

Sep. 2020 – August 2024

Assam Science and Technology University

Azara, Assam

RELEVANT COURSEWORK

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Web Developemnt
- Data Analysis
- Database Management
- Internet Technology

EXPERIENCE

Kareng Technologies

August 2023 – November 2023

Software Engineer Intern

Guwahati, Assam

- Developed a custom Employee Leave Management System using MERN stack.
- Incorporated 2 Streamlined leave request and approval processes, for diverse user roles.
- Explored ways to visualize and send a daily report of test results to team members using Databases in real time.

Indian Institute of Information Technology

November 2022 - January 2023

Research Intern

Mirza, Assam

- Designed energy-aware scheduling scheme for real-time systems using Java.
- Minimized energy consumption by 27% in high-performance clusters using Dynamic Power Management (DPM).
- Implemented fault-tolerant dual core clustering and scheduling for task allocation on heterogeneous platforms.

DAY-National Urban Livelihood Mission

June 2021 - August 2021

Social Work Intern

Remote

- Led team of 3 to design and develop website for self-help groups (Mangaldai, Assam).
- Increased sales by 7% and market reach for women-led products, empowering the community.

PROJECTS

NFT Marketplace 🔗 | Solidity, React JS, Next JS, Hardhat, MetaMask

February 2024 - May 2024

- Developed a Decentralized Non Fungible Token App for trading Cryptocurrency (ether).
- Implemented 2 Algorithms: Consensus and Proof of Work for secured NFT creations and transactions.

Employee Leave Management System 🔗 | EJS, Node JS, Express JS, MongoDB, Mongoose

November 2023

- A full-stack web application tailored for a college environment.
- Caters to needs of Admin, Employee members, incorporating 5 regulations aligned with college leave policies.

Game Of Shelves 🔗 | CSS, EJS, Node JS, Express JS, MongoDB, Mongoose

May 2021 - June 2021

- Developed a full-stack web application for users to create Book profiles based on Books read.
- Demonstrated User Experience (UX) Focus and Maintainable Code-base

TECHNICAL SKILLS

Languages: Java, JavaScript, HTML, CSS, EJS, Solidity, Python, SQL

Developer Tools and Frameworks: VS Code, Node JS, React JS, Mongoose, Express JS, Flask, Postman, Hardhat, Remix, GitHub Tailwind CSS, Latex & Overleaf

Operating Systems: Windows, Android, Ubuntu, Fedora, Virtual Box

CERTIFICATIONS

- Currently pursuing Data Analytics Program at GeeksforGeeks.
- DSA with Java programming.