

UDAY SANKAR DAS

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EDUCATION

- **National Institute of Technology, Silchar** Assam, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.93 2020 - 2024
- **Jawahar Navodaya Vidyalaya, Dhemaji** Assam, India
Higher Secondary-Science- 69.2% 2017-2019
- **Jawahar Navodaya Vidyalaya, Dhemaji** Assam, India
HSLC under CBSE board - CGPA:8.0 2016-2017

WORK EXPERIENCE

- **SN BOSE Internship** National Institute of Technology, Silchar
MedEdge - Full-Stack Developer June 2023 - July 2023
 - Streamlined the prescription upload process by designing and coding a robust web application, empowering doctors to effortlessly upload prescriptions directly to patient profiles, leading to a 50 % reduction in manual data entry errors.Implementing Edge computing
 - Designed and coded a robust web application that Worked on the development of a complete workflow to enable user Whatsapp authentication

PROJECTS

- **Amazon-Clone**
Tech Stack: REACTJS,TAILWIND CSS, REDUX
 - Build and design an Amazon clone website using Redux and React.js with integration.
- **NITS-Library-Managemnt**
Tech Stack: REACTJS, TAILWIND CSS, NEXTJS, MongoDB, CLOUDINARY
 - Targeting Whatsapp authentication for Register that led to a 40% increase in authentication and adding a feature to notify students with the details of their issued books
 - Students can access their profile on the website, which displays the books they have issues with
 - Developed and implemented a user-friendly web application enabling seamless Books details uploads by Librarians, resulting in a 20 % reduction in administrative time and Student time.
- **AI Image Generator App**
Tech Stack: VITEJS, NODEJS, TAILWINDCSS, MongoDB, CLOUDINARY
 - Built a DALL-E API-driven web app for generating images from user prompts.
 - Devised a feature for publishing the image to the community
- **Social Network Analysis - Detection of disjoint communities in Dynamic Networks**
Tech Stack: Python, NetworkX, Matplotlib
 - Implemented a research paper: "An incremental method to detect communities in Dynamic evolving social Networks"
 - Applied the algorithm to real-world datasets like Enron Email, and College message dataset and were able to identify appropriate communities within the network with 98 % accuracy a

SKILLS

- **Programming Languages:** JAVA, Python, C++, C, JavaScript
- **Web Development:** HTML, CSS, JS, Redux, TailwindCSS, ReactJS, SQL, MongoDB, NodeJs, NextJS
- **Tools and Platforms :** Eclipse IDE, VS Code, IntelliJ IDEA, GIT, MATLAB, MySQL, Linux, Windows
- **Soft Skills:** Teamwork, Leadership, Painting, Event Management, Time Management

COURSES UNDERTAKEN

- **Computer Science:** Data Structures and Algorithms, Software Systems Lab, Object Oriented Programming, Computer Networks, Software Engineering, DBMS Operating Systems
- **Mathematics:** Calculus, Linear Algebra, Probability Theory, Stochastic Process

CERTIFICATIONS

- Got certification in the Spoken tutorial in JAVA from IIT, Bombay
- Received certification from the Spark AR Community Hackathon.
- Got a certificate as a Front-End Development. from Great Learning
- Awarded a certificate of recognition in the National Art Competition, receiving a consolation prize.

OTHER INTERESTS/EXTRACURRICULAR ACTIVITIES

- Solved 500+ questions in total on various coding platforms
- Handled the overall management at the 11th alumni meet REXIN,NIT SILCHAR
- Playing volleyball and Kho-Kho and Represented my region as a volleyball player
- Painting/design