

NIRNAY BEHERA

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EDUCATION

B.Tech in Computer Science and Engineering , National Institute of Technology, Rourkela	Expected 2024
Intermediate , DAV, Public School, CDA	2020
Matriculation , DAV, Public School, CDA	2018

SKILLS

Programming Languages	Javascript, Typescript, Node.js, HTML5, CSS3, Sass, C++, Python, SQL, Solidity
Frameworks Libraries	React, Next.js, Redux, Tailwind CSS, Express, MongoDB, Flask, Django, GraphQL, REST API
Tools and Technologies	Git, GitHub, Docker, Kubernetes, Amazon Web Services
Operating Systems	Windows, Linux - Ubuntu, Linux - Kali
Soft Skills	Creative Thinking, Communication, Adaptability

WORK EXPERIENCE

SDE Intern, Butternut AI	May 2023 - August 2023
<ul style="list-style-type: none">Significantly contributed to Butternut AI web app development by spearheading frontend architecture, backend integration, API building, and proficient database management, ensuring optimal performance. Played a pivotal role in key feature design, code refactoring, and debugging for enhanced application functionality.	

NOTABLE PROJECTS

- AI Photo Generation Web App:** Implemented an **MERN** web app utilizing OpenAI for generating personalized photos based on prompts, promoting creative exploration and expression. Used **MongoDB** for storing database and tailwindcss for styling.
- Sentiment Analysis:** This project implements a sentiment analysis model using machine learning techniques. It uses a neural network trained on dataset of IMDB reviews to classify new reviews as positive or negative. The model is hosted using **Django** as backend and the user interface using **React**.
- Ethereum Lottery App:** Implemented a secure Ethereum-based lottery system leveraging smart contracts and blockchain technology, ensuring transparent and tamper-proof random selection of winners.
- Pathfinding Visualizer** Developed a visually interactive pathfinding visualizer using ReactJS, enabling users to gain insights into the workings of complex algorithms like **Dijkstra's algorithm**.

ACHIEVEMENTS/CERTIFICATIONS

- Lyft Back-end Engineering Virtual Experience Program - Forage (2023):** Created the software architecture using UML and used Python to refactor the existing codebase, write unit testing, and add new features using test-driven development.
- Postman API Fundamentals Student Expert (2023):** Gained knowledge and skills in using Postman for designing, building, and testing APIs.
- Coding Ninjas Founders Invitation Challenge - AIR 917 (2023):** Achieved a competitive rank in the Coding Ninjas Founders Invitation Challenge, demonstrating problem-solving abilities.
- MLH AI Hacks - Ranked top 10 (2023):** Secured a top 10 ranking in the MLH AI Hacks, showcasing skills in artificial intelligence and machine learning.

EXTRA-CURRICULAR ACTIVITIES

- Photographer in Thirdeye** - Led NIT Rourkela's ThirdEye photography club, showcasing strong management skills. Successfully coordinated activities, organized impactful events, and fostered a cohesive community.