BHASKAR DAS

Malda , West Bengal - 732204

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Education

KIIT University **Sep 2020 – May 2024**
Bachelor of Technology in Information Technology *Bhubaneswar, Odisha*
- CGPA: 8.46/10.00

Experience

SkyTrade **Remote**
BlockChain and Full Stack Engineer - Intern *Sept 2024 - Present*
- Worked on a Proof of Concept using Temporal.io and NestJS to manage long-term, multi-step workflows involving external services and user inputs.
- Researched Solana standards and explored grant opportunities for implementing blockchain functionalities to enhance Sky Trade operations.

Japan Third Party **Remote**
Virtual Trainee - Intern *Feb 2024 - March 2024*
- Collaborated with cross-functional teams to define and refine project objectives, conducted in-depth research on machine learning algorithms, evaluated model performance using key metrics, and developed presentations to effectively communicate project outcomes to stakeholders.
- Gained expertise in presenting, problem-solving, integrating AI/ML with robotics, and worked on CI/CD pipelines to automate deployment and ensure reliable code integration.

HighRadius **Bhubaneswar , Odisha**
Software Engineer - Intern *May 2023 - June 2023*
- Developed a predictive Machine Learning model to forecast customer order volumes based on historical data, showcasing strong expertise in data analytics, machine learning algorithms, and predictive modeling techniques.
- Contributed to the design and implementation of a Full Stack Invoice Management System utilizing React JS, JDBC, and Java Servlets, demonstrating proficiency in web development, database management, SQL, and DBMS.

Projects

Face Mask Detection | *Tensorflow , CNN ,OpenCV* **Feb 2023**
- Led team of three to design and develop a face mask detection project using CNN (Convolutional Neural Network) to accurately identify and classify individuals wearing or not wearing face masks
- Developed a Face Mask Detection System using OpenCV, Keras/TensorFlow, and Deep Learning to detect face masks in static images and real-time video streams.
- Employed OpenCV for image processing and utilized labeled data to train a Deep Learning model for accurate mask detection.
- Performed real-time analysis to identify faces and determine the presence of masks, leveraging computer vision concepts and techniques

Brain Blitz | *React, Node.js, Express, MongoDB* **August 2023**
- Developed and launched a full-stack memory game web app using React, Node.js, Express, and MongoDB, implementing user authentication, custom difficulty levels and themes, and an dashboard to track gameplay analytics.
- Built frontend with React enabling an intuitive UI, fetching card images via API requests, and managed state efficiently across components.
- Implemented secure user authentication using JSON Web Tokens and bcrypt password hashing, applying Methodology for streamlined development.

Technical Skills

Languages: Python, C/C++, Java, Javascript, Typescript, SQL, NoSQL, HTML, CSS/SASS.
Developer Tools: VS Code, IntelliJ, Docker , Git , Github.
Python Libraries and Frameworks: Pandas, Numpy, Matplotlib, Seaborn, OpenCV, scikit-learn, Jupyter .
JavaScript Libraries and Frameworks: React, NextJS, ExpressJS, NodeJS.

Certifications

CCNA (Module 1): Network Security , Cybersecurity , OSI layer , Computer Networks,Networking.
Introduction to Cybersecurity: Cybersecurity , Firewall , Privacy Law , Threat and Vulnerability Management.
HackerRank Problem Solving.: Critical thinking, Decision-making, Creativity, and Information processing.