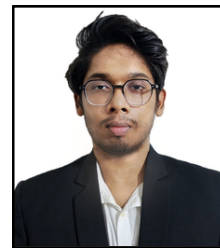


Biswajit Rout

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<https://biswa-nirmata.netlify.app/>

Bhubaneswar, Odisha



PROFILE

A passionate and driven Computer Science student with a strong foundation in Python programming and cloud computing. Alongside a solid technical background, possesses a creative flair as a freelance graphic designer, blending technical expertise with an eye for design. Known for a proactive approach to problem-solving, a keen interest in innovative technologies, and the ability to adapt quickly to new challenges. Eager to apply a diverse skill set in dynamic projects that merge programming, cloud infrastructure, and design.

PROJECTS

Pneumonia Detection using Explainable AI

Built a deep learning model for automated pneumonia detection from chest CT scan images using CNNs, achieving high accuracy. Integrated Explainable AI tools like SHAP and LIME to highlight critical areas influencing predictions, enhancing transparency and trust in the model's decisions. Demonstrated skills in Python, TensorFlow, and machine learning, focusing on interpretable AI solutions for healthcare diagnostics.

Social Media Sentiment Tracker App

An interactive Python dashboard that scrapes Reddit posts, analyzes their sentiment using VADER, and visualizes results in real time. Built with Streamlit, it features customizable search, detailed sentiment metrics, and dynamic charts powered by Plotly.

PROFESSIONAL EXPERIENCE

MEDIAMINT

2024-2025

Team Pinterest- Associate

At Mediamint, I assisted in optimizing Pinterest ad accounts for clients, focusing on improving campaign performance and ROI. I analyzed ad metrics, identified trends, and collaborated on A/B testing to refine ad creatives and targeting. I managed multiple client accounts, ensuring smooth campaign execution, and provided insights and reports to support data-driven decision-making.

SOA English Cafe

Designer- Collaborator

Collaborated with the SOA English Cafe to design and produce long-format videos and short-format content, including reels, aimed at enhancing the club's social media presence. Worked on creating engaging and visually appealing content to boost audience interaction and grow followers across various platforms. Contributed to content strategy and execution, aligning with the club's brand image while effectively increasing visibility and engagement on social media channels.

EDUCATION & CERTIFICATIONS

Bachelor of Technology

Computer Science Engineer

Siksha 'O' Anusandhan

2020-2024

Higher Secondary Education

KIIT International School

2018-2020

Secondary Education

ODM Public School

2017-2018

EXTRACURRICULAR ACTIVITIES

Freelancer

Video Editor

Graphic Designer

LANGUAGES

English

Hindi

Odia