

Resume

Rohan Preet Sahu

E-mail:- rsb020@nist.edu

irohanpreetsahu@gmail.com

Mobile:- +91 9937121069

Address:- Kabisurya Nagar, Ganjam-761104



Objective:

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately. I am very interested in Python, Web development and expertise my skills in Organization.

Expertise:

- Coding in Python, HTML, CSS and SQL and basic knowledge about C,java and java script.
- Detail-oriented with a track record of delivering high-quality results within deadlines.
- Collaborative team member with excellent communication and interpersonal skills.

Certification:

- Fundamentals of Artificial Intelligence by NPTEL.
- Python For Data Science by NPTEL.
- Web Development and Designing by Oasis Infobyte.

Academics:

Stream	College	Board	Year of Passing
B.Tech in Computer Science Engineering(CSE)	National Institute of Science and Technology, Berhampur	BPUT	2020-2024 with CGPA 8.5
Intermediate (10 th +2)	Sankalp Senior Secondary School, Berhampur	CBSE	2018-2020 with 75.4%
Matriculation 10 th	De-Paul School, Aska	CBSE	2018 with 84.6%

Project Experience:

Project : Malaria detection using Machine Learning.

Duration : 3 Months

Technologies : Google Collab Platform Using Python coding

Description:

The primary goal of the project was to develop an accurate and efficient tool for early detection of malaria, aiding healthcare professionals in prompt diagnosis and treatment.

Contribution:

- Conducted extensive image pre-processing to enhance the quality of the dataset, including resizing, normalization, and noise reduction.
- Integrated the trained model into a user-friendly interface, allowing easy upload and analysis of new blood smear images.
- Conducted comprehensive performance evaluations, including sensitivity, specificity, precision, and recall metrics.

Project : A study of eye disease detection using Machine Learning techniques.

Duration : 3 Months

Technologies : Google Collab Platform Using Python coding

Description:

The project aimed to develop a robust and accurate system capable of identifying various eye conditions from medical images, facilitating timely diagnosis and intervention

Contribution:

- Compiled a diverse dataset comprising medical images of eyes with cataract.
- Employed image processing techniques to highlight subtle patterns and abnormalities in the images.
- Explored various Machine Learning models, including Convolutional Neural Networks (CNN), VGG, MobileNet .

Project : **Online platform for coffee shop**

Duration : 1 Months

Technologies : VScode

Description:

Designed and developed a comprehensive online platform for a coffee shop as a solo project during my studies.

Contribution:

- Implemented a responsive and user-friendly interface using HTML5, CSS3, and JavaScript.
- Integrated dynamic features such as real-time search, interactive book previews, and a user-friendly checkout process.

Languages:

My native language is Odia, But I do well communicate in English and Hindi by profession.

Hobbies/Interests:

- Working on Internet surfing and checking Upcoming Technologies in IT.
- Passionate about exploring diverse cultures through extensive travel, fostering adaptability and a global perspective.
- Engage in sustainable gardening practices

Place: Berhampur

Rohan Preet Sahu