

Soubhagyanjan Das

soubhagya.me | [LinkedIn](#) | [GitHub](#) | [GFG](#)

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TECHNICAL SKILLS

- Languages** : Python, SQL, Core Java
Libraries : Numpy, Pandas, scikit-learn
Technologies : Git & Github, Docker, Flask, RESTful API
Coursework : Data Structures, Design And Analysis of Algorithms, Object Oriented Programming, DBMS, OS, Software Engineering, Database Management System, Computer Network, Artificial Intelligence

EXPERIENCE

Bio-Medical Image Processing Research Intern

KIIT School of Computer Applications

Jan 2024 – Present

Bhubaneswar, Odisha, India

- Implemented segmentation and thresholding techniques to prepare images for analysis.
- Developed and trained CNNs to identify diseases from preprocessed images, achieving around 90% accuracy.
- Technologies used: **CNN, NumPy, OpenCV, TensorFlow, Keras**
- Certificate:** [Certificate of Internship link](#)

PROJECTS

Book Recommender System [Source Deployment](#)

May 2024

- A hybrid book recommendation system using collaborative filtering methods.
- Technology Stack: **Python, Flask, Pandas, scikit-learn, Numpy, RestApi**

Sepsis Prediction Application [Source Deployment](#)

Aug 2024

- Developed a web-based application for sepsis prediction using Flask and a Random Forest model, achieving 85% accuracy.
- The application provides an interface for healthcare professionals to input patient data and receive real-time predictions.
- Technology Stack: **Python, Flask, scikit-learn, Pandas, NumPy, Random Forest, Logistic Regression, SVM**

Plant Disease Prediction with CNN [Source Deployment](#)

Jan 2024

- Developed a model to predict plant diseases using Convolutional Neural Networks (CNNs).
- Included image preprocessing techniques such as segmentation and thresholding.
- Technology Stack: **Python, OpenCV, CNNs, NumPy, Imagenet, TensorFlow, Keras**

EDUCATION

Kalinga Institute of Industrial Technology

Master of Computer Applications

Aug 2023 – Present

Current CGPA: 9.14/10

Hrudayananda Naik Smaraki Mahavidyalaya

Bachelor of Science (Physics)

Jul 2017 – Nov 2020

CGPA: 7.54/10

Marshaghai College, Marshaghai

Higher Secondary Certificate (HSC)

Jul 2015 – Jun 2017

Percentage: 59.16%

Bajramahakali High School, Kochila

High School Certificate Examination (HSCE)

May 2015

Percentage: 69.50%

CERTIFICATIONS

- Cisco Netacad** CCNA1|CCNA2|CCNA3|Python Essentials 1 and 2|Cybersecurity Essentials
- Coursera**
 - [Supervised Machine Learning: Regression and Classification](#)
 - [Programming with JavaScript](#)
 - [Tools of the Trade: Linux and SQL](#)
 - [Connect and Protect: Networks and Network Security](#)