Snehashish Laskar

INTERNATIONAL BACCALAUREATE STUDENT

snehashish.laskar@gmail.com ✉

+91 630 980 7322 📱

Bhubaneswar, Odisha, India 📍

linkedin.com/in/snehashish-laskar in

snehashish.com 🌐

SUMMARY

International Baccalaureate student with a passion for programming, playing guitar and piano, and making a positive impact in the world. Skilled in creating innovative solutions through coding, while also engaging audiences with music. A dedicated change maker striving to use technology and creativity to drive positive change in society.

SKILLS

Skill	Level	Skill	Level
Python Programming	●●●●●	AWS cloud	●●●○○
Flask and Web Development	●●●●●	Public Speaking	●●●○○
Mobile Development using React Native	●●●○○	Linux	●●●●○
		JavaScript	●●●●○
		Java	●●●○○
Database Management	●●●○○	Git	●●●○○

EXPERIENCES AND LEADERSHIP

Intern Developer

Harsha Trust *Mar 2023 - Jul 2024*

Designed and Developed app and website to streamline and simplify the vaccination and deworming program of Harsha Trust to improve the livelihood of livestock depndent benefeciaries in remote tribal villages of Odisha.

Worked with team members to implement features such as reminder notifications, easy access to information on vaccines and dewormers, and tracking of vaccination history.

Conducted field testing and gathered feedback from rural and tribal households to improve app usability and effectiveness.

Participated in meetings and presentations to update stakeholders on app development progress.

President and Robotics Head

Science National Honours Society (KIS Chapter) *Aug 2023 - Present*

Researched on quantum chromodynamics and formation of diquarks in nuclei of atoms. Published an article on the school's intranet and recieved positive feedback on my research.

Appointed as the president of the organisation as well as the robotics head. In charge of overseeing the functioning of all departments such as robotics, scientific experiments, peer lectures and research collative. Also incharge of organising events and representing the organisation in school meetings and assembly.

Vice President

KIS Coding Club *Aug 2023 - Present*

Gave student lectures on fundamentals of programming. Worked with members of the organisation on projects and competitions. Organised events and hackathons. Worked with advanced students on data modelling and prediction models using linear regression.

Co-Founder and Co-President

KIS Multimedia Club   *Dec 2023 - Present*

Founded club with peers to teach younger students skills such as video editing, audio editing, music production and 3D design. In charge of audio and music deprtments.

Devices and Technology Head

KIS Carbon Net Neutral Project   *Aug 2023 - Present*

Worked with peers on developing technologies and systems to decrease carbon impact and minimize wastage. Worked on water level sensors to solve water supply crisis in school.

PROJECTS

Music Production

Sep 2021 - Present

1. Google Recognized Artist: [Snehashish Laskar](#)
2. Spotify Profile: [Snehashish Laskar](#)
3. Apple Music Profile: [Snehashish Laskar](#)
4. SoundCloud Music Profile (Over 50 songs): [Snehashish Laskar](#)

Menous DB

Sep 2022 - Present

Created Menous DB a lightweight, open-source database management system designed for simplicity and ease of use. It provides a RESTful API for managing databases and tables, making it suitable for a variety of applications. View [here](#)

Livestock and Deworming Tracker (Internship)

Mar 2023 - Jul 2024

Built an internal system to manage and optimize the vaccniation and deworming program of Harsha Trust. Included a mobile app for data collection which was built using React Native, an interactive API used to calculate and model all the statistical calculation, and a web portal with different user levels to be used by the organisation. The database used was MenousDB instead of MySQL.

Spotify Downloader

Oct 2023 - Present

Developed a web app which is a workaround spotify premium. It uses the public Spotify API paired with the public YouTube API to donwload songs. It basically provides a free alternative to spotify premium. View [here](#)

Portfolio Website

May 2024 - Present

Built a portolfio website to display my goals, progress and achievments in academics, programming and music. View [here](#)

Research Article on Diquarks in Nuclei

Aug 2023 - Aug 2023

Published a research article on the school intranet, summarising the findings of studies conducted by physicists. Article can be found [here](#)

EDUCATION

Indian Certificate of Secondary Education (ICSE)

Sahyadri School - Krishnamurti Foundation India   *Jun 2018 - Mar 2023*

- English Language - 90
- English Literature - 94
- Hindi - 91
- History and Civis - 95
- Geography - 85
- Mathematics - 93
- Physics - 90
- Chemisty - 88
- Biology - 95
- Computer Science - 99

International Baccalaureate Diploma Program (IBDP)

Kodaikanal International School   *Jul 2023 - Present*

Current GPA (3.857)

Current SAT Score : 1530 / 1600

Classes Taken:

- Mathematics Analysis and Approaches (Higher Level) : A
- Physics (Higher Level) : A
- Computer Science (Higher Level) : A+
- Economics (Standard Level) : A-
- English A Language and Literature (Standard Level) : A+
- German Ab Initio (Standard Level) : B+

CERTIFICATION

CS50's Introduction to Artificial Intelligence (In Progress)

Harvard University

Learning and working on topics such as

- Search Algorithms
- Computer Knowlege
- Computational Uncertainity
- Optimization Problems
- Machine Learning
- Neural Networks
- Natural Language Processing

LANGUAGES

| English | ●●●●● | Bengali | ●●○○○ |
| Hindi | ●●●●● | German | ●●○○○ |

AWARDS

Distinction

Fermat Math Contest - Waterloo University

Recieved distinction in the fermat math contest conducted by the university of waterloo.