DIVYARANJAN SAHOO

CSE UNDERGRADUATE

It's credible to proclaim myself as an electron aficionado who is spontaneously impelled in the paradigm of computers, technology, cybernetics, and into the latitudes of development. Furthermore I'm into designing, implementing, experimenting and improving models with a holistic approach bringing algorithms and data together. Further mediocrity has never been an option for me so I try to be eccentric with a contrasting character.

Contact

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Education

Bachelor of Technology

Kalinga Institute of Industrial Technology

10/2021 - Present   8.45 CGPA

COURSES-

- Data Structures and Algorithm in C
- Object Oriented Programming in C++
- Database Management in Oracle DB
- Java fundamentals and OOP concept
- Operating System concepts

Skills

| C | C++ | Python | HTML |

Object Oriented Programming

Data Structure and Algorithm

| Bash Scripting | Linux | Java |

| Kotlin | Networking | Calculus |

| Photography | SQL | TinkerCAD |

| IoT | Time/People Management |

Figma designing and prototyping

PROJECTS AND MODELS

VPN Project

2020-2021

Modelled a virtual private network project by integrating preexisting open source client and server applications with google cloud instance to create secure point-to-point or site-to-site connections in routed or bridged configurations and remote access facilities.

Internet of Things Projects

No 1 Air force School Gwalior

2019 - 2020

Have modelled drone, Raspberry Camera, App controlled relay, Heart rate monitoring project, network blocker, Touchless current detector, GPS Model.

Ilustrated cybernetics concept using tools like python, ssh, networking, and raspberry hardware which implemented the idea of cloud connectivity.

Built SOYDRA (Solar enabled hydro electric recycler smart project) model which covers water replenishment and water resource management with renewable resource, incorporating a self-developed app to control operational technologies in the project.

Object detection App

Google Developer Pathways

Developed an object detection app with assist of google learning pathways using machine learning kit, that can detect and recognize objects based on the training set.

CERTIFICATIONS

1. Fundamentals of Red Hat Enterprise Linux (2022)

2. Android basics in Kotlin Course (2022)

3. Certificate of participation in clash of models by GDSC and SenseBackAI (2023)

ACHIEVEMENTS

1. First runner up in **Defense research and developement organisation** contest.

2. Participated in **CBSE** exhibition 2018 with the project ~ SOYDRA.

3. Achieved qualification in the Smart India Hackathon (SIH) at the college level.

EXTRACURRICULAR

1. Took part in **Google Developers Student Club Huddle Session** - Computing on Cloud 9 and created an E2 VM machine on google compute engine and tried consolidating server.

2. Campus Ambassador at Cisco, serving as the primary contact for prospective students in my college.

3. Participated in **Microsoft Learn Student Ambassador Eye Spy Squid** event and built red light green light game using python and its modules.