

SWARAJ BARAL

UNDERGRAD, SILICON
INSTITUTE OF
TECHNOLOGY, BBSR

CONTACT

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SKILLS

- HTML ●●●●●
- CSS ●●●●●
- JavaScript ●●●●●
- Python ●●●●●
- Django ●●●●●
- ReactJS ●●●●●
- C ●●●●●
- java ●●●●●
- Internet Of Things ●●●●●
- Unix ●●●●●

LANGUAGES

- English ●●●●●
- Hindi ●●●●●
- Odia ●●●●●

HOBBIES

I love making electronic music on my laptop. When i am not developing websites or making music, I love reading novels, especially : works of RK Narayan. Apart from this I also love to participate in Model UNs. I moonlight as a public speaker and a sustainability enthusiast.

PROFILE

I am a curious student that possess a good learnability quotient, intermediate knowledge about basic front end and back-end stacks, curiosity to learn as much as possible about new things. I also have a good set of verbal communication and written skills which enables me to present ideas with clarity and integrity. Seeks any position that will allow for continued professional and technical development.

EDUCATION

- BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE & ENGINEERING) : 2018-CURRENT**
SILICON INSTITUTE OF TECHNOLOGY-BBSR, ODISHA, CGPA - 8.50
- 12TH BOARD**
CBSE, BJEM SCHOOL, PERCENTAGE - 86 %
- 10TH BOARD**
CBSE, BJEM SCHOOL, 10 CGPA

PROJECTS

- TasQ - A Job platform that focuses on sustainability and green jobs.. (Check [Here](#))
- URL shortener using Django. (Check [Here](#))
- Random Quote Machine using ReactJS and fcc-quotes API. (Check [Here](#))
- An asset tracker dashboard. (Check [Here](#)).
- Node-Red Covid-19 health tracker.
- Cloud connected fire sensor and twitter alert module.

INTERNSHIPS AND TRAINING PROGRAMS

ADHOC DEVELOPER

IIT-DHARWAD | JULY 2021 - SEPTEMBER 2021

- Part of the team responsible for designing the admin application for an automated covid vaccination for KIMS Hospital Dharwad using Ionic V4 and Django Rest Framework

FULL STACK DEVELOPER

TASQ | MARCH 2021 - CURRENT

- Planned website development and database model designing using HTML, CSS, JavaScript React JS framework and Firebase.

VOLUNTEER

YFS | JAN 2021 - CURRENT

NON-TECHNICAL INTERNSHIPS

- Electronic Music Production, Bollygrad Studioz,
(Virtual) Sep 2020 - March 2021
 - Composing and producing music according to the task assigned by the employer
- Content Development (English) Robustresults,
(Virtual) Apr 2019 - September 2019
 - Writing 1200 word article on a daily basis for their website
- Content Development (English) Sameer Fsn,
(Virtual) Dec 2018 - Nov 2020
 - Content development for the YouTube channel "GetsetflyScience".

REFERENCES

- **Mr Punyasloka Panda,**
National Coordinator,
Youth for Sustainability India,
Bhubaneswar, Odisha
Email - punyasloka@humancircle.in
- **Mr Ramneek Kalra,**
IEEE Impact Creator,
Amazon India,
Email - ramneek.kalra@ieee.org
- **Dr. Siba Narayan Swain,**
Assistant Professor,
Department of Computer Science Engineering,
IIT Dharwad, Karnataka
Email - sibaswain@iitdh.ac.in

- Worked on redesigning and refactoring the youthforsustainability website.
- Currently mentoring a group of volunteers working on the new website.
- Troubleshoot and debugged code ensuring compatibility with devices, browsers, and operating systems.
- Volunteered with groups and organizations to help make measurable differences for program recipients

EMBEDDED SYSTEMS AND IOT WORKSHOP

KARKHANA MAKERSPACE | MAY 2019 - JULY 2019

- Understanding IoT and applications.
- Connecting sensors to cloud and transceiving data via cloud.
- IoT backend development using node-red

APPLICATION DEVELOPMENT USING IOT TRAINING

KARKHANA MAKERSPACE | MAY 2020 - AUGUST 2020

- Learning IoT application development using raspberry pi
- Cloud connected mobile application development
- Building a cloud connected Covid-19 health tracker

CERTIFICATIONS

- HTML, CSS, JavaScript for Web developers (Coursera)
- Python 101 for Data Science (Cognitiveclass)
- Arduino and IoT (Eduvance)

ACHEIVEMENTS

- Secured 1st position in YUGMA 2019 - a national level oratory competition.
- Secured 1st rank in a debate competition organized by rotary club, Bhubaneswar
- Secretary General Of BJEM Model United Nations - 2019, one of the largest Model United Nations of India.
- I (aka R@EVN - my music producer alias) was in the top ten list of Kyrix's By my side international remix Competition