

Suparna Biswal

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EDUCATION

VSSUT BURLA

B.Tech in Electrical Engineering

CGPA - 8.50(UPTO 3RD SEM)

2018-2022 | Burla, Odisha

INTERMEDIATE

St. Joseph's Convent School

SCIENCE

ISC- 86.00

2018 | Rourkela, Odisha

MATRICULATION

St. Joseph's Convent School

ICSE- 95.00

2016 | Rourkela, Odisha

LINKS

Facebook:// [suparna biswal](#)

Github:// [dasein99](#)

LinkedIn:// [Suparna Biswal](#)

Twitter:// [@SuparnaBiswal](#)

Medium:// [Suparna Biswal](#)

COURSEWORK

- Career Edge - knockdown the lockdown by TCS iON
- Fintech : foundations, payments and regulations By Wharton , Coursera
- Google IT automation with python , Coursera
- Google IT support , Coursera
- AIML training by CTTC , Bbsr
- PLC training at CTTC , Bbsr
- Basics of Geocomputation and Geoweb Services by IIRS
- Spatial analysis and satellite imagery in a GIS , Coursera

UNDERGRADUATE

Object oriented programming
MICROPROCESSOR
MICRO-CONTROLLER
Control system engineering
Digital Electronics
Electrical Machines
Power Station Engineering
Analog Electronics

EXPERIENCE

VSSIC - VSS SPACE INNOVATION CENTRE | PRODUCT MANAGER

2020 -Present | VSSUT Burla

- India's 1st and Exclusive Innovation Center for Sounding Rocket and Scientific Experiment

CHHANV FOUNDATION | VOLUNTEER

2020- Present

- Campaign against Acid Attacks
- Sheroes Hangout - Cafe run by Acid Attack Survivors
- Content Writing • Marketing • Social Media and PR • Research and Development

TEAM VSLV | RESEARCH DIRECTOR

2018-Present | VSSUT Burla

- VSSUT Satellite Launch Vehicle- India's First Indigenous Multipurpose Reusable Student Rocketry Project
- Registered in LIMCA Book of Records and India Book of Records

THE PERIOD PRATHA | VOLUNTEER

2018-Present

- Creating awareness among rural women regarding menstrual hygiene

GGI YOUNG LEADERS PROGRAM | VOLUNTEER TRAINEE

2020-Present

- Program to nurture leadership qualities of Young Leaders and work for the United Nations' Agenda 2030 for sustainable development in line with India's vision 2030.

PROJECTS

VSLV

India's First Indigenous Multipurpose Reusable Student Rocketry Project

SENTINEL

A Natural Language Processing (NLP) based preventive and monitoring software against Cyber bullying. It is capable of detecting the polarity of sentences by branding them as negative, positive or neutral. It shows the percentage of positivity or negativity of sentence

UJJWAL

Variable Intensity Light combines the advantages of both LED and sodium vapor lamps and whose intensity can be varied to obtain maximum efficiency. AI/ML enables the intensity of the light to be regulated directly through an App.

SOITARUS

IOT enabled Water Leakage Detection and monitoring system

GARUDA

Drone based Intelligent Agriculture - Camera in the drone captures high-definition photos/ videos of the farm and transmits them back to the server in real time through 5G network. The farmers can perform appropriate protection and irrigation of crops through picture analysis

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Java • C++ • PLC

Over 1000 lines:

C • Matlab

Familiar:

Arduino • Html • CSS • LaTeX

OTHER SKILLS

Machine Learning • Problem Solving

Adaptability • NLP • Collaboration

Strong Work Ethic • Public Relations

POSITION OF RESPONSIBILITY

• INNOBUZZ

HOSPITALITY COORDINATOR

• SAMAVESH

CONTENT WRITER

• MAKER FEST

COMMUNICATION OFFICER

• GREEN GOVERNANCE INITIATIVE

YOUNG LEADER

PROJECTS

MATARGASTHI

A platform which is an amalgamation of various unique features to give the users a surreal Audio-Visual experience in a virtual multiplex. Helps people come together around content they love on tablets, mobiles and laptops, perfectly synchronizing videos while talking and texting

FIDUS

Non-Invasive, battery-operated, cost-effective Glucometer to help people suffering from diabetes and enabling them to constantly and painlessly monitor their blood sugar levels and take insulin accordingly.

FACE RECOGNITION USING OPEN CV

Using Open CV Library the machine was trained to detect images and the Machine Learning Model after being trained was able to accurately detect a person using image processing with an accuracy of 98 percent

AWARDS

- 2nd Runners Up at Larsen and Turbo CreaTech 2020
- Runner's up in the Atmanirbhar Bharat ideathon 2020
- Finalist at Maker Mela 2020
- Finalist at Bhopal Smart City Hackathon 2019
- Semi-finalist in Dishathon 2020 (Incubate IND)
- Semi-finalist in Vichar 1.0 by AIC-Nalanda and NITI AYOG
- Semi-finalist in 3M-CII Young Innovators Challenge 2020
- DOT's 5G hackathon 2020 Qualifier