Subrat Kumar Panda

An Independent Self-motivated Electrical & Electronics undergraduate engineer from VSSUT, Burla having experience in the field of Aerial and Underwater robotics and 3D printing. Actively looking to work with your company.

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OBJECTIVE

To become a part of a successful organization offering responsibility and opportunities where I can explore and enhance my skills and knowledge, thereby contributing towards contributing towards the attainment goal.

EDUCATION

Bachelor of Technology
Veer Surendra Sai University of Technology, Burla
08/2017 - Present, *7.89 CGPA (till 6th Sem)*

Senior Secondary Studies
ODM International School, Bhubaneswar
06/2015 - 03/2017, *89.8%*

Secondary Education
DAV Model School, IIT Kharagpur
03/2015, *9.8 CGPA*

INTERNSHIPS:

Junior Electronics Engineer

Signotron PVT. LTD
05/2018 - 06/2018, Kolkata, INDIA
The internship dealt with PCB assembling & building Low power transformers for electronic appliances.

Trainee Electrical Engineer

ODISHA POWER GENERATION CORPORATION
05/2019 - 06/2019, Jharsuguda, India
The company has set up two thermal power plants (4 units) with a total Plant capacity of 1740 MW in the Jharsuguda District in the State of Odisha. The internship dealt with study of O&M of the powerplant.

Trainee Electrical Engineer

Indian Railways
10/2019 - 10/2019, Kharagpur, India
The internship dealt with operation of a Railway Workshop and maintenance of railway wagons and coaches

IoT Developer

CSKA Automation Services Pvt Ltd
09/2020- 12/2020, Work from Home
The internship dealt with development of various kinds of IoT Projects.

Project Intern

Cognizant Technology Solutions
03/2021-Present
The internship deals with development in the field of IT industry and has integrated training for freshers to make them capable enough to join the industry.

SKILLS

C, C++,3D Printing, HTML, MATLAB-Simulink

ACHIEVEMENTS

- Winners of Smart India Hackathon Finals 2020
- Finalist, LNT Techgium POC 2020
- Finalist, KPIT Sparkle 2020
- Top 10 in e-Yantra 2018 by IIT Bombay and MHRD for 'Ant Bot'
- Top 10 in e-Yantra 2019 by IIT Bombay and MHRD for 'Survey and Bot'
- Winner in Balance bot event at NIT Rourkela
- Winner in Line following bot event at NIT Rourkela
- Asia-Pacific Rank 4 at ASME e-Fest 2019 for '3D Printed Hovercraft Challenge'
- Asia-Pacific Rank 5 at ASME e-Fest 2019 for 'Student's Design Challenge'

PERSONAL PROJECTS

- **UAVs (04/2018 - Present)**

UNMANNED AERIAL VEHICLES (UAVs)Project deals with the uses of Aerial Drones such as TRICOPTERS, QUADCOPTERS, HEXACOPTERS, and ORNITHOPTERS.

- **ROUV (11/2018 - Present)**

The project REMOTELY OPERATED UNDERWATER VEHICLE(ROUV) is designed to detect the underwater conditions, detect cracks of the dam, and survey about aquatic life, with both Automatic and semi-automatic mode.

- **Custom Made 3D Printer (08/2018 - Present)**

The Project is Odisha's first low-cost student made 3D printer. The Printer is capable of printing up to a layer height of 75 microns.

- **PROSTHETIC ARM (12/2019 - Present)**

The project involves development of a low-cost prosthetic arm for the amputee patients using Muscle and Brain Wave sensors.

FINAL YEAR PROJECTS

Minor Project (15th Sept 2020-27th Jan 2021):
Lifetime estimation of dc-link capacitors in a standalone PV system with an integrated backup battery.

ORGANIZATIONS

- ***Team Lead*** (10/2019 -10/2020) Robotics Society, VSSUT-Burla
- ***Secretary*** (02/2020 -02/2021) Electrical and Electronics Society, VSSUT-Burla

LANGUAGES

English	Full Professional Proficiency
Hindi	Full Working Proficiency
Odia	Spoken
Bengali	Spoken

INTERESTS

Aerial Robotics, 3D Printing, Underwater Robotics

DECLARATION: I hereby declare the above-mentioned information is true to the best of my knowledge and I bear the responsibilities for the correctness of the above-mentioned particulars

Place: Bhubaneswar
Date: 02nd April 2021

Subrat Kumar Panda