







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. Hope this will help us sail through this economic crisis.

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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 Surender Sai University of Technology, Burla
08/2017 - Present, 7.66 CGPA (till 5th 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

INTERSHIPS

Junior Electronics Engineer

Signotron PVT. LTD
05/2018 - 06/2018, Kolkata, INDIA
PCB assembling, Building Transformers

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 IB valley area of Jharsuguda District in the State of Odisha.

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
10/2020 - Present, Work from Home
The internship deals with development of various kinds of IoT Projects.

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: 15th Oct 2020

SKILLS

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

ACHIEVEMENTS

- Shortlisted for LNT Techgum Finals 2020
- Shortlisted for KPIT Sparkle Finals 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.

- **REMOTELY OPERATED UNDERWATER VEHICLE (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.

ORGANIZATIONS

- **Tech Head** (10/2019 - Present) Robotics Society, VSSUT-Burla
- **Secretary** (02/2020 - Present) Electrical and Electronics Society, VSSUT-Burla

LANGUAGES

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

INTERESTS

Robotics, 3D Printing, Organic Gardening

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