

# Subrat Kumar Panda

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## PROFFESIONAL EXPERIENCE (4.5 MONTHS)

**Skills:** C, C++, Cloud Data Management, GIT, HTML, CSS, Basic- Java, JavaScript, Conversational AI, IoT, IBM Watson Assistant.

## JOB PROFILE (CONVERSATIONAL AI & CHAATBOT DEVELOPER)

### Assistant System Engineer-Trainee

### Tata consultancy Services

July 21-Present

- Development of Chatbots using IBM Watson Assistant using IBM Cloud Services and CD Pipeline.
- Enhancements and Maintenance Support of Chatbots as per the Customer needs and requirements.

## SPECIAL ACHIEVEMENTS

- Awarded as Winners of 'Smart India Hackathon 2020' Hardware Edition (under Dept. of Scientific & Industrial Research group).
- Excelled as a Finalist in 'L&T Techgium 2019-20.'
- Recognized as an Emerging Innovator by Team 'KPIT Sparkle 2020'.
- Cleared all stages of 'eYantra Robotics Competition 2019-20' by IIT Bombay.

## ACADEMIC QUALIFICATIONS

Year of Passing	Degree	Institute	Percentage
2021	B. Tech (Electrical & Electronics)	Veer Surendra Sai University of Technology, Burla	74.5%
2017	XII (CBSE)	ODM International School, Bhubaneswar	89.8%
2015	X (CBSE)	DAV Model School, IIT Campus, Kharagpur	93.1%

## POSITIONS OF RESPONSIBILITY

- Administered as Secretary of the Students Society of Dept. of EEE, VSSUT Burla (2020-2021)
- Served as Assistant Secretary, Resonance by Dept. of EE & EEE (2019-2020)
- Mentored as a Core Technical Member of Robotics Society, VSSUT Burla (2018-2021)

## CERTIFICATIONS

- Accomplished the Certification on Build Your Own Chatbots through Cognitive Class [Aug 21]
- Completed Arduino Platform and C Programming Certification by University of California, Irvine (Through Coursera) [Oct 21]
- Completed Python Programming in Raspberry pi Certification by University of California, Irvine (Through Coursera) [Oct 20]
- Completed IoT and Embedded Systems Certification by University of California, Irvine (Through Coursera) [Oct 20]
- Training in HTML and CSS by IT Centre SE Railway [Jun 18]

## INTERNSHIPS (28 WEEKS)

- Internship at Signotron Pvt. Ltd (Electronics), **May 2018 (4 Weeks)**
- Internship at Odisha Power Generation & Corporation (Electrical), **May 2019 (4 Weeks)**
- Internship at Indian Railways (Electrical), **Oct 2019 (2 Weeks)**
- Internship at CSKA Automation Services (Robotics and IoT Automation), **Sept 2020 (18 Weeks)**

## RESEARCH WORKS AND PUBLICATIONS

- IEEE-issc 2020: 'Comparison of Inverter Control by SPWM and SVPWM Method in Standalone PV System'
- IRIA-2021: 'Lifetime Estimation of DC-Link Capacitor in a Standalone PV System with an Integrated Backup Battery'
- IRIA-2021: 'Voltage Control Optimization by Equilibrium Optimizer for Unity Power Factor Operation of Grid-Connected Three-Phase Photovoltaic Inverter' (Awarded as Best Paper of the Conference)

## EXTRACURRICULAR ACHIEVEMENTS

- Awarded as First Position in 'Sonarous' event at NSSC 2019 by IIT Kharagpur
- Secured the First Position in 'Aciequor' event at NSSC 2018 by IIT Kharagpur
- Achieved the First Position in both 'Lone walker' and 'Tread-o-quest' Event at Innovision 2018 by NIT Rourkela
- Received Second Prize in 'Lined it event' at Resonance 2018 by Dept of EE & EEE, VSSUT Burla

## INTERESTS

3d Printing

Collecting Miniature Models

Aerial Robotics

Underwater Robotics

## LANGUAGES

ENGLISH (Working Professional Proficiency)

HINDI (Full Professional Proficiency)

**Declaration:** I hereby declare the above-mentioned information is true to the best of my knowledge and I bear the Place: Bhubaneswar responsibilities for the correctness of the above-mentioned particulars.

Date: 20<sup>th</sup> Dec 2021

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