DEBAPRIYA **PRUSTY**

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OVERVIEW

- o I have had the opportunity to work on BI projects using various reporting and database management tools and learnt a lot about working in a Team and executing projects.
- o My graduation years at NIT Rourkela, being the member of various clubs and fest organizing committees has been a real good learning experience and taught me quite a bit about taking initiatives and executing them. It gave me a good exposure to deal with various kind of people and understand their perspectives.
- o I look forward to enhancing my professional skills and capabilities in an organization which recognizes the value of smart work and allows me build upon my knowledge of business analytics while subjecting me to real-world challenges of a client-facing role.

EDUCATION

2020	BTech	National Institute of Technology, Rourkela	Industrial Design	7.09 CGPA
2016	Intermediate	Ravenshaw Junior College, Cuttack	CHSE(Science)	82.16%
2014	Matriculation	Saraswati Sishu Vidya Mandir, Cuttack	HSC	95.83%

WORK EXPERINCE

BI Developer at Yavda Analytics Private Limited.   **08/2020 – Present**

As a BI developer at Yavda Analytics, I have been involved in the report migration from SSRS to Tableau of Results Physiotherapy, a physiotherapy company based in the USA. My roles and responsibilities involved:

- o Create business dashboards with necessary filters and formatting as per client's requirement.
- o Do data validation of Tableau reports with pre-existing SSRS reports using Excel.
- o Tableau helped in getting faster turnaround time and therefore we could build new complex KPIs.

I also worked on Power BI for data transformation and created reports with necessary slicer and filters as part of the job and training process.

SKILLS

Software skills: MS Office, Python, SQL, Tableau, Power BI
Soft skills: Teamwork and Collaboration, Flexibility and adaptability, Leadership
Languages: English, Hindi, Odia

INTERNSHIP

- **SUMMER INTERN AT ROURKELA STEEL PLANT, ROURKELA, INDIA   2019**

Carried out a study on continuous casting process where molten metal is solidified into a semifinished slab for subsequent rolling in the finishing mills. I created a model of tundish and worked on fluid dynamics simulation using ANSYS.

PROJECTS

- **FINAL YEAR PROJECT- HEALTH CARE RING   2020**

As my final year project, I've developed a prototype of a healthcare ring similar to a smart watch that has features such as heart-rate measurement, sleep monitoring and oxygen saturation measurement by using various sensors, BLE, MCU and power supply unit.

- **TRACKING OF CORONA USING TABLEAU   2020**

Based on the data of UIC (International Union of Railways) and IATA (International Air Transport Association), I created several visualizations like maps, horizontal bars, lines etc. to track the worldwide outbreak of Corona virus starting from Wuhan City of China. It can clearly be predicted that no. of infected person per country is directly proportional to Mass movement (no. of flights + trains from China to respective countries) particularly during the time period Nov'19 to Feb'20.

- **THEATER MANAGEMENT SYSTEM   2019**

With the help of Student Activity Centre Officials under Arts and Culture society of NIT Rourkela, we arranged to screen latest movies at Bhubaneswar Behera Auditorium in weekends. I was in the technical team for this theatre management system where I created a platform to manage the booking of tickets. Server-side scripting was done using python. Python was interacting with the MySQL database using MySQL-connector library. The complete data was stored in the database that can be further retrieved for analysis purpose. The user must follow the hierarchical drop-down, that is Date > Slot> Movies> Book seat. After completion of the process, an autogenerated message was sent to the respective user's webmail. The user can book any number of movie tickets using his collage ID card.

OTHER EXTRACURRICULAR ACTIVITIES

- **TEAM ROADRUNNER:** I was member of chassis department of official FSAE club of NITR, where we manufactured formula student cars, minimizing its weight to stiffness ratio and maintaining low center of gravity using reasonable material within limited costs.
- **TEAM TIBURON:** As a part of the mechanical team, we designed a bot (AUV) of six degrees of freedom with proper thruster placement and participated in the Singapore AUV challenge organized by Singapore Polytechnic University and National University of Singapore in March 2018 and won the 1st runners up Award.
- **TEAM INNOVISION:** I was managing the accommodation team of 30 people in the Techno-management Fest of NITR, Innovision'18.
- **TEAM NITRUSAV:** I worked as a core-team member in the Cultural Fest of NITR, NITRUSAV'19 and afterwards Initiated Cyclone Fani relief fund of Rs. 5 Lakhs from unutilized SAC Budget.

HOBBIES AND INTERESTS

Public Relation, Gaming, Painting, Cooking, Badminton.