OM S. PANDEY

Computer Science Engineering, Co'20

Trainee Decision Scientist @ Mu Sigma

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Work Experience

	Mu-Sigma INC.	Sept 2020 -
Trainee Decision Scientist	**Healthcare Analytics**	**Jan 2021-**
	Regulatory and Compliance in Pharma Industry	
Apprentice	**Leading Home Improvement Industry, O&G Industry, Multinational Tech and Pharma Industry**	**Sept-Dec 2020**
	Worked on previously solved problems. Learnt about retail operations, Oil & Gas Supply chain, App KPIs, HCP segmentation, Mu-AOPS, Strategic Marketing, Storyboarding, Data Analysis and Problem Solving.	

Research Analyst — **Edureka** — **Oct-Dec 2020**

PGP AIML Data Science Course:

Built course material, PPTs and Coding Assignments for the Data Science Course.

Intern — **CSIR - National Environment Engineering Research Institute** — **Jan-July 2020**

Built **NEERI_AquaCyder**- A **Water Body Detection** and **Water Level Extraction system** using Sentinel-2 **Satellite Imagery** for the water bodies in India.

- Used Sentinel-Hub and eo-learn framework to identify water bodies and extract water levels for a given interval from raw image data. Created a deliverable using anvil to demonstrate water level graphs for the duration to Analyse the amount of water present within the country.

Technology Stack: Python, Binder, Eo-learn, Sentinel Hub, R, Anaconda, Anvil

Intern — **TECHWALNUT Innovations (Sponsored by MSME)** — **May-July 2019**

Built a real time BIB Verification System and configured Selfie KIOSK-

- Built an IOT based real time BIB verification system for Marathons. Used Python Programming on RPI for receiving data from RFID reader and displaying data on KIOSK and LED Screen. Configured data on cloud using PHP. Created GUI for TV Screen using Python Tkinter

Technology Stack- Python, RFID, Tkinter, Raspberry-Pi, Linux

Intern — **Cluebix Softwares** — **May-June 2018**

Built a lead generation system for BPOs-

- Created a web application using JAVA SERVLETS and JSP to maintain and update client conversation history, Added a feature for follow-up reminders. Integrated the web application with the existing client database.

Technology Stack- Java, JSP, SQL

Education Details

Bachelor of Engineering (Computer Science and Engineering)	**Shri Ramdeobaba College of Engineering and Management, Nagpur**	7.43 CGPA	2016-2020
HSC	**Shivaji Science College**, Nagpur	84.62%	2016
SSC	**Bhavans' B.P. Vidya Mandir, Ashti**, Nagpur	9.8 CGPA	2014

Projects

Pothole Detection System

- Built a Pothole Detection System using Neural Networks (Faster RCNN) to detect and categorize a pothole into Small, Medium, or large Categories

Certifications

- The Joy of Computing Using Python on NPTEL.
- 'Introduction to Data Analytics for Business' by University of Colorado Boulder on Coursera
- 'Statistical Inference' by John Hopkins University on Coursera
- 'Fundamentals of Quantitative Modeling' by University of Pennsylvania on Coursera

Leadership and Extra-Curricular Activities

President of RCOEM Technology Business Incubators Foundation

- Organized Transpreneur 2020, Transpreneur 2019 and Transpreneur 2018
- Organized ChangeMakers, PitchYourIdea and various other workshops and events
- Worked towards developing an ecosystem to promote entrepreneurial culture in the region

Training and Placement Student Coordinator

Section Head of ARCEON Magazine Committee