

RAJ KISHORE PATRA

Software Engineer, Data Analyst & Tech Geek

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Bhubaneswar, Odisha, IN
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ABOUT

- Inquisitive, hard working and consistent. Described as reliable, diligent with a knack for solving problems.
- Well developed analytical and logical problem-solving, communication and interpersonal skills.

EXPERIENCE

Software Development Intern

Dell Technologies

February 2021 – May 2021 Hyderabad, IN

- Designed and developed a Sub-Categorizer Model on top of the existing Categorizer Model.
- Built independent APIs for both models to facilitate various functionalities such as Training, Predictions and Updation of training data.

Summer Intern

Dell Technologies

May 2020 – July 2020 Hyderabad, IN

- Had the responsibility for CSAT Insights Tool Redesign and Enhancements.
- Automated the prediction model used in market research and scaled the model to work on different hierarchical data levels.
- Reduced the model error from an average of 3% to 0.5%.
- Designed the dashboard where the data strategy team can absorb the results.

EDUCATION

B.Tech. in Electronics and Telecommunication

IIIT Bhubaneswar

Aug 2017 – June 2021 Bhubaneswar, IN

CGPA : 8.2/10.0

10+2 Senior Secondary College in Basic Sciences

Khallikote University

June 2015 – May 2017 Brahmapur, IN

Score : 82.5%

LIFE PHILOSOPHY

"Wherever you go, leave your mark behind."

TECHNICAL SKILLS

Languages

- Python, R
- C++, Java

Data Preprocessing

- Numpy
- Pandas

Data Visualization

- Power BI
- Seaborn

Machine Learning

- Sci-Kit Learn, Statsmodels
- Keras, Tensorflow, OpenCV2

Backend Development

- Flask
- Django
- NodeJS

Version Control

- Git
- Github, Gitlab

Miscellaneous

- Postman (DevOps)
- Sphinx (Documentation)

PROJECTS

Telegram Bots

Nicole and Genesis

- Nicole is a Telegram chat bot offering its native chatterbot abilities along with a collection of fun interactions taking the help of various public APIs and services.
- Genesis is a digital librarian. An Inline Telegram bot that helps you download books/articles from the infamous website The Library Genesis. Try it out now.
- Tech Stack : Python, Telegram Bot API.

Emotions Detector

Using OpenCV and CNN

- Successfully developed a CNN model using OpenCV to extract facial features from a detected face from a live feed to detect Emotions and display it on a Tkinter GUI.
- Tech Stack : OpenCV, Keras, Tensorflow Backend, Tkinter.

CanSAT Development

Cansat Competition 2019

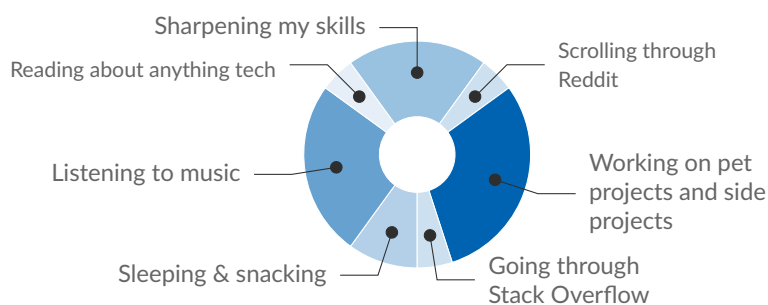
- Designed and developed a miniature can sized satellite model for logging bio signs at an altitude of 1Km and participated in Cansat 2019 Competition.
- Bagged 66th International Rank - Annual CANSAT Competition conducted by the American Astronomical Society (AAS).

Reinforcement Learning on Games

Using OpenCV in Python

- Successfully applied Reinforcement Learning to Flappy Bird and Chrome Dino using ConvNets and Deep Learning in Python.
- Tech Stack : OpenCV, Pygame, Keras, Tensorflow Backend

A DAY OF MY LIFE



LANGUAGES

English

- Full Professional Proficiency

Hindi

- Bilingual Proficiency

Odia

- Native or Bilingual Proficiency

PERSONALITY SKILLS

- Avid Reader and Logical Thinker
- Responsible Leader and Mentor
- Coherent Communicator
- Efficient Strategy Planner
- Proficient in Presentation and Documentation

HOBBIES / INTERESTS

- Building stuff that make daily life easy
- Listening to Alternate Rock, Pop and Hip Hop
- Reading Sci-fi Novels, Tech Blogs
- Astronomy and Astrophysics
- Learning about human psychology
- Watching thriller movies, shows
- GUI Designing