Ravi Kumar Kanu Baniya

B.Tech in Computer Science & Engineering
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 GitHub Profile
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EDUCATION

- **Kalinga Institute of Industrial Technology, Bhubaneswar** — *2020-2024*
  B.Tech in Computer Science and Engineering — CGPA: 8.6/10.0

- **Kalika Secondary School, Butwal** — *2016-18*
  National Examination Board - Grade 12 — GPA: 3.56/4.0

- **Shree Siddhi Children's Academy, Butwal** — *2015-16*
  National Examination Board - Grade 10 — GPA: 3.8/4.0

EXPERIENCE

Data Science and Analytics Virtual Experience Program at BCG   Apr 2023 - May 2023

Engaged in this virtual experience program I completed practical tasks in Business Understanding & Hypothesis Framing, Exploratory Data Analysis, Feature Engineering & Modelling, Findings & Recommendations.

PERSONAL PROJECTS

- **Anti-Spoofing Detector For Facial Recognition System**   *View on GitHub*
  Real-time Facial Recognition System with Anti-Spoofing Integration

  - Tools & technologies used: Python, OpenCV, cvzone, Ultralytics YOLO, data management libraries.
  - Developed a real-time facial recognition system with anti-spoofing integration, ensuring accurate tracking through face detection and preventing spoofing attacks.

- **AI based Caption Generator**   *View on GitHub*
  This AI analyses the image and generates the caption for the image

  - Tools & technologies used: Python, TensorFlow, React
  - Used deep learning techniques for the implementing of the image processing.

- **Customer Churn Prediction**   *View on GitHub*
  Simple Customer Churn Prediction using machine learning project

  - Tools & technologies used: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Jupyter Notebook
  - Developed a machine learning model that accurately predicts customer churn with an accuracy of 90%.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, SQL
Data Science Tools: Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Tensorflow, OpenCV
Web Technologies: HTML5, CSS3
Cloud/Databases: AWS, MySQL, Oracle
Version Control: Git, Github
Soft Skills: Problem Solving, Time Management, Communication, Teamwork, Leadership
Areas of Interest: AI, ML, Data Science

RELEVANT COURSEWORK AND CERTIFICATION

IBM Data Science Professional Certification View Certificate
Mathematics: Linear Algebra, Probability & Statistics
Red Hat System Administration I:(RH124)
Computer Science: DSA, OOPS, DBMS, OS, Computer Networks, Software Engineering & Project Management, Cloud Computing

POSITIONS OF RESPONSIBILITY

- **Volunteer,** Khwaab Society   *2022-Present*

ACHIEVEMENTS

- **SII-Scholarship** Scholarship offered by MHRD to study Undergraduate in India   *2020*