

PRARTHANA JOSHI

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📍 Bhubaneswar, India 751024

PROFESSIONAL SUMMARY

Dedicated B.Tech Computer Science Student with a passion for coding since senior secondary years. A quick learner with strong computer proficiency, experienced in both field and office settings, supporting team needs. Detail-oriented, flexible, and hardworking team player focused on boosting productivity and performance.

SKILLS

- Software Engineering
- Program analysis
- Algorithms
- Data Structures
- C/C++
- Java
- Python
- DBMS
- Power BI
- SQL
- Problem Solving
- Machine Learning

EDUCATION

Kalinga Institute of Industrial Technology

Bhubaneswar • Expected in 05/2025

Bachelor of Technology (B.Tech) in Computer Science Engineering:
Computer Science

Ryan International School

New Delhi, DL • 03/2021

High School Diploma

- XII : 93.4%
- X : 96.5%

CERTIFICATIONS

Problem solving Basic (HackerRank)
Problem solving Intermediate (HackerRank)
Data Analysis with Python (Coursera)

LANGUAGES

PROJECTS

- **Time series analysis using python**
December 2023
- helps identify patterns and trends in data collected over time.
- **Diabetes Prediction using Machine Learning (ML) | Support Vector Machine**
February 2024
- Developed a machine learning model to predict diabetes risk based on diverse health indicators.
- Curated a robust dataset from reputable sources like NHANES, encompassing demographic, medical, and lifestyle factors.- Conducted comprehensive data preprocessing, including handling missing values, feature scaling, and encoding.
- **Sound Emotion Recognition : Decoding the Hidden Language of Tone**
April 2024
- Aimed at detecting emotional cues in audio data, designed and implemented machine learning algorithms (LSTM model) utilizing deep learning architectures and signal processing techniques.
- utilized python for model development, training and evaluation and achieved an accuracy rate of over 99.69 % in emotion classification.

WORK HISTORY

Newgen Software - Intern

Gurgaon, India (Remote) • 05/2024 - 06/2024

- **Power BI & Looker Studio Dashboards:** Developed 5 interactive Power BI dashboards and 3 dynamic Looker Studio dashboards for Lumyn, enhancing user experience with real-time insights and data visualization.
- **Generative AI Research:** Conducted research on LangChain, Retrieval-Augmented Generation (RAG), and large language model architectures, improving AI capabilities and contextual understanding.
- **React Interface & Radius GPT:** Created a React-based login interface for enhanced user experience and developed Radius GPT, a virtual assistant for CMOs, refining marketing queries and optimizing decision-making.
- **AI Agents & Cross-Sell Model:** Implemented an AI agent using Llama 3, studied various AI agent architectures, and developed a

English

████████████████████
Bilingual or Proficient (C2)

Hindi

████████████████████
Bilingual or Proficient (C2)

cross-sell prediction model using Python, achieving high accuracy and performance.

- **Agent360 Data:** Designed a robust database with 50 columns and 10,000 rows for comprehensive analysis of agent performance and policy dynamics.