Akanksha Priyadarshinee Rath

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EDUCATION

Indian Institute of Technology Madras   Bengaluru, Karnataka
Bachelor's Of Science in Data Science and Its Application   *May 2023 – May 2027(Expected)*
- Relevant Coursework: Foundations of Data Science, Python Programming, Machine Learning, Deep Learning, Advanced Data Structures and Algorithms, Natural Language Processing, Data Visualization, Big Data Technologies.

Rotary Public School   Bargarh, Odisha
Aug 2020 – Aug 2022

TECHNICAL SKILLS

- **Programming Languages**: Python, Core Java, C, Basics of MySQL
- **Frontend Technologies**: HTML, CSS, Bootstrap
- **Data Science and Analytics**: Data Analysis (Pandas, NumPy), Data Visualization (Power BI), MS Excel
- **Miscellaneous Skills**: Basic knowledge of Power BI, Statistics, and Hypothesis Testing, Frontend Development, Data Structures and Algorithms (DSA), Competitive Programming (Codeforces, CodeChef)

PROJECTS

Business Model Research - Petrova.io | *Market & Competitor Analysis*
- Conducted an in-depth competitor and market analysis for Petrova.io, focusing on fintech solutions.
- Researched potential business models and revenue generation strategies for market penetration.

Road Safety Dashboard | *AI-based accident prediction*
- Developed an interactive dashboard to visualize accident-prone areas using Google Maps API and predictive modeling.
- Implemented AI-based accident prediction to analyze road safety patterns and suggest improvements.

Mega Mart Sale Analysis using SQL and Visualization | *SQL and Power BI*
- Analyzed sales trends using SQL queries and visualized insights through Power BI dashboards.

SCHOLASTIC ACHIEVEMENTS

- First place in District-level Mandala Art Competition
- Finalist in Clash of Code by IIT Madras
- Gold Medal in Mathematics in the Talent Search Contest by Navodaya Bhopal.

CERTIFICATES

- Clash of Code (Source: IIT Madras)
- IOI Hackathon Certificate
- Foundations of User Experience (UX) Design (Source: Google)
- Figma Bootcamp (Source: Let's Upgrade)

HOBBIES AND INTERESTS

- Painting
- Reading Books
- Playing Chess
- Mandala Art