



DEEPALI KOIRALA

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Nationality: Indian
Passport Number: Z6763955

Education

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| NMIMS Deemed to be University <i>Bachelor of Technology in Artificial Intelligence & Data Science</i> | Expected July 2026 <i>navi mumbai, India</i> |
| Ryan International School <i>Class 12th - ISC Board, Scored 79.9%</i> | 2022 <i>navi mumbai, India</i> |
| Ryan International School <i>Class 10th - ICSE Board, Scored 94%</i> | 2019 <i>navi mumbai, India</i> |

Relevant Coursework

- Data Structures
- Database Management
- Artificial Intelligence
- Machine Learning
- Data Wrangling
- Data Visualization
- Image Processing

Academic Projects

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| Visualizing Global Seismic Data <i>Tableau, Data Analysis</i> | 2024 |
| <ul style="list-style-type: none">• Created an interactive dashboard in Tableau to visualize global seismic activity, using earthquake data from 1900 to 2013.• Analyzed trends and patterns in seismic activity to provide insights into earthquake frequency and distribution over time. | |
| Teaching Methods Analysis Model <i>Python, Machine Learning</i> | 2023 |
| <ul style="list-style-type: none">• Developed a model to analyze teaching methods, detecting effectiveness and tailoring recommendations based on user understanding and specific parameters. | |
| Smart Cane for Visually Impaired <i>Arduino, Ultrasonic Sensors</i> | 2022 |
| <ul style="list-style-type: none">• Built a smart cane for visually impaired individuals using Arduino and ultrasonic sensors to detect obstacles and provide haptic feedback. | |

Internship

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| IBM SkillsBuild Internship Program | 2024 |
| <i>Intern</i> <ul style="list-style-type: none">• Completed a hands-on internship program focused on AI and ML• Worked on real-world projects, gaining experience in data analysis and model building. | |

Additional Qualifications

- Learned Web Development (Teachnook / IIT Bhubaneswar)
- Learned Data Management System
- Cloud Computing
- Microsoft Learn AI Challenge
- Google Analytics

Technical Skills

Languages: Python(intermediate), Java(Basic), SQL(Basic),R(Basic),Matlab(Basic)
Developer Tools: Visual Studio Code, Android Studio, Google Colab, Tableau
Technologies/Frameworks: GitHub