

Parth Sirohi

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EDUCATION

- Deakin University** GIFT City, India
 - Masters of Business Analytics; GPA: 8.00* *July 2024 - June 2026*
 - Courses: Machine Learning in Business, Predictive Analytics, Business Intelligence and Database, Descriptive Analytics, Decision Modelling, Advanced Artificial Intelligence for Business*
- Manipal Institute of Technology** Karnataka, India
 - Bachelor of Engineering(ECE); CGPA:8.19* *July 2018-June 2022*

SKILLS SUMMARY

- Languages:** Python, SQL, R
- Frameworks:** Scikit, NLTK, TensorFlow, Keras, Transformers, OpenCV, Langchain, Apache Spark
- Tools:** MS Excel, MySQL, Git, MLflow
- Soft Skills:** Leadership, Event Management, Time Management, Analytical Thinking, Cross-Functional Collaboration

EXPERIENCE

- KPMG Global Services** Bengaluru, India
 - Analyst(Full-time)* *Aug 2022 - Sep 2023*
 - Contributed to the enhancement and optimization of LINKE, a comprehensive Global Mobility Service application, driving end-to-end Employee Assignment Management for a diverse portfolio of US based clients
 - Collaborated with cross-functional teams to validate and fix issues in the application, ensuring seamless patch rollover to all clients hosted on the MS Azure cloud leading to 12.5% reduction in processing time for key workflows.
- Zaalima Development** Remote
 - Data Analyst Intern (Part-time)* *Mar 2025 - May 2025*
 - Project: Real Time Traffic Monitoring and Prediction System (Work in Progress):** Developed a real-time traffic monitoring and prediction system using machine learning and IoT, optimizing urban mobility and reducing congestion.

PROJECTS

- Repository Chatbot for IFSC Regulations and Tax Provisions with Ernst & Young:** (Work in progress) Creating an intelligent chatbot that leverages Natural Language Processing (NLP) and Large Language Models (LLM) to assist users, likely EY professionals, clients, or stakeholders—in navigating complex regulatory and tax-related information
- Business Analyst Jobs in India:** Scrapped jobs data from LinkedIn and created a webpage with the role description and location

PUBLICATIONS

- A Lightweight ANN Model for Landslide Detection: A Case Study of Idukki, Kerala, India (IEEE ICARES '23):**
Developed a landslide detection model by using ArcGIS tool to capture and process satellite imagery of area. Trained ANN model yielded 83.5% accuracy, giving valuable insights for disaster management and mitigation

HONORS AND AWARDS

- 1st place in Unravel 5.0 Data Analytics Case Competition organized by IIM Sambalpur
- 3rd place in Case Study Writing competition organized by IIM Shillong
- National Finalists of Dataverse: Data Analytics Case Competition by KOED x IIM Lucknow

VOLUNTEER EXPERIENCE

- Student Representative of Deakin Gift Coding Club** GIFT City, India
 - Conducted online and offline technical training sessions for students* *Nov 2024 - Present*
- Chairperson of Robotics and Circuits Student Team** Karnataka, India
 - Spearheaded a team of robotics and AI enthusiasts of MIT Manipal* *Oct 2020 - Sep 2021*