

MANIK KAPIL 2492 BROMUS PATH, OSHAWA, ON, L1L 0K7

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OBJECTIVE

Aspiring Data Scientist and Applied Artificial Intelligence student looking to learn and apply Data Analysis and Machine Learning skills through a co-op at CIBC. Eager to develop solutions for real world business problems by analysing data and building and fine tuning Machine Learning models at industry scale.

HIGHLIGHTS OF QUALIFICATIONS

- Proficient in problem solving with a strong foundation in Python Programming
- Well-versed with ETL methods and data analysis techniques
- Extensive experience with statistical analysis libraries like Numpy, Pandas and Data Science libraries like Scikit Learn, pytorch, tensorflow
- Skilled in designing and building complex database schemas using MySQL
- Effective communicator with the ability to articulate ideas clearly and bridge gaps across multiple disciplines and teams

TECHNICAL SKILLS

- Programming Languages: Python, JAVA
- Business Intelligence Tools: Tableau, PowerBI
- Version Control: Git, Github
- Data Wrangling: Data Cleaning, Feature Engineering

EDUCATION

GRADUATE CERTIFICATE

January 2024 – December 2024

APPLIED ARTIFICIAL INTELLIGENCE AND SOLUTIONS DEVELOPMENT

GEORGE BROWN COLLEGE, TORONTO, ON

GPA: 3.8/4.0

Automated Cover Letter Generation using Transformer Models

- Developed an AI system to generate personalized cover letters from resumes and job descriptions using transformer models (Flan-T5, GPT)
- Curated and pre-processed a dataset of 12,000 job descriptions, creating synthetic resume-cover letter pairs for training
- Fine-tuned pre-trained models from Hugging Face, enhancing the relevance and coherence of generated text
- Employed advanced NLP techniques and Python libraries for data processing and model training
- Achieved high customization in cover letter generation, streamlining the job application process

GRADUATE CERTIFICATE

May 2023 – December 2023

DATA ANALYTICS FOR BUSINESS DECISION MAKING

DURHAM COLLEGE, OSHAWA, ON

GPA: 4.09/5.0

BACHELOR OF TECHNOLOGY

JULY 2015 – MAY 2019

ELECTRONICS AND COMMUNICATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA, UP, INDIA

GPA: 7.6/10

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PROFESSIONAL EXPERIENCE

NIGHT AUDITOR

BEST WESTERN PLUS HOTEL, OSHAWA, ON

June 2023 – Present

- Perform night audit duties, reconciling daily financial transactions, preparing reports, and ensuring accurate accounting records
- Conduct end-of-day procedures, including system backups, ensuring smooth transitions between shifts
- Provide exceptional customer service, promptly resolving guest concerns and ensuring a memorable stay experience

BUSINESS INTELLIGENCE ANALYST

ELECTRIFUEL PVT. LTD., NEW DELHI, INDIA

September 2021 – January 2023

- Analyzed Battery Management System's (BMS) and EV charging data, developed predictive models using Python, and created dashboards with Tableau to support decision-making
- Streamlined data processing workflows from multiple sources ensuring data integrity and efficiency
- Coordinated cross-functional projects, managed inventory and procurement, and implemented operational improvements to enhance productivity and reduce costs
- Played a key role in securing a major client contract by providing detailed data insights, risk analysis and provided customized solutions

PROGRAMMER ANALYST

COGNIZANT TECHNOLOGY SOLUTIONS, DELHI, INDIA

October 2019 – July 2021

- Provided functional and technical support for resolving financial discrepancies in Oracle Retail Software
- Logged error reports and maintained comprehensive documentation using ServiceNow
- Conducted root cause analysis of issues by leveraging data scraping and analysis techniques with MySQL, ensuring timely and effective problem resolution
- Acted as a liaison between clients and technical teams, gathering requirements and ensuring client needs were met effectively

PROJECTS

Predictive Measures for Mitigation of COVID-19 Community Transmission

- Acquired, cleaned, and integrated complex datasets from multiple sources to ensure comprehensive data quality and consistency
- Conducted detailed Exploratory Data Analysis (EDA) to uncover and interpret prevailing COVID-19 trends
- Applied unsupervised machine learning algorithms to identify COVID-19 clusters across India, effectively mapping and demarcating cluster centroids
- Leveraged geolocation APIs, such as FourSquare, to pinpoint strategic locations for hotels, restaurants, and food banks, subsequently recommending optimal sites for quarantine centres and testing facilities

COURSES AND CERTIFICATIONS

- Specialization – Introduction to Data Science – IBM
- Professional Certificate – Data Science – IBM

VOLUNTEER EXPERIENCE

- Light De Literacy, NGO, Noida, India - Helped underprivileged children with basic education to bridge their knowledge gap
- Conducted grooming sessions that impacted over 200 children
- Passionate for filmmaking, video editing and photography, expert in Premiere Pro