GAURAV KANDEL

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WORK EXPERIENCE

Data Scientist, FinBox   **Nov 2024 - Present**
- Designed and successfully deployed a robust ML model to accurately estimate salary for salaried and self-employed customers, significantly improving processing efficiency by 10%.
- Engineered predictive features from bank statements and bureau data to optimize the lending decisions, improve underwriting processes, and enhance credit risk assessment accuracy.
- Collaborated with cross-functional teams to integrate advanced analytics into FinBox BankConnect, driving smarter financial decision-making and user-centric innovations.

Data Scientist, NIRA Finance   **June 2023 - Nov 2024**
- Developed a credit line decision system and an engine to rate NTC customers using machine learning algorithms (logistic regression, decision tree) achieving 5% increase in overall business.
- Built an automated CI/CD pipeline using GitHub Actions, Docker, and MLOps principles for model training, testing, and deployment, streamlining development and reducing deployment time.
- Leveraged AWS services like Glue,Lambda,Athena,EC2 etc to architect scalable data engineering pipelines, ensuring data accuracy, reliability, and availability for real-time analytics.
- Designed interactive dashboards using Quicksight & PowerBI for monitoring loan approval and disbursal rates, utilizing data visualization and exploratory EDA to generate actionable insights.

Consultant Trainee - Intern, KPMG India   **Feb 2023 - May 2023**
- Collaborated with a team to develop a sales forecasting model for a hypermart, utilizing data analysis and machine learning techniques to provide valuable insights into sales performance.
- Implemented end-to-end pipeline from data collection to prediction, ensuring accuracy of 85%.

EDUCATION

MSc in Data Science   **Apr 2021 - Mar 2023**
CHRIST Deemed To Be University, Bangalore
- Specialization in Machine Learning and Big Data Technologies.

BSc in Computer, Maths & Statistics   **May 2018 - May 2021**
CHRIST Deemed To Be University, Bangalore
- Relevant coursework in all three subjects with specialization in Data Science.

TECHNICAL SKILLS

- **Languages:** Python,SQL,Java,C
- **Specializations:** Machine Learning, NLP, ETL,LLMs ,MLOps
- **Cloud Platforms & API :** AWS(including AWS Bedrock),Azure,OpenAI
- **Libraries:** scikit-learn (Sklearn), TensorFlow, Keras, PyTorch, PySpark, FastAPI, Flask, LangChain
- **Dev Tools:** Databricks, GitOps, PyCharm, Docker, MLFlow, AWS Glue, Jira
- **Databases:** MySQL, DynamoDB, MongoDB
- **Reporting Tools:** Tableau, Power BI

PROJECTS

Question Answering System for Customer Loan Handling
- Developed an interactive question-answering system for customer loan inquiries using AWS Bedrock and a structured knowledge base integrated with DynamoDB for data retrieval.
- Implemented AWS Lambda functions for real-time processing and dynamic response generation, significantly enhancing overall customer support efficiency and satisfaction in loan handling.