MANOJ GOWDA JAYASWAMY

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I spearhead a dynamic, team-driven strategy for tackling challenges, placing a relentless focus on the realm of Data Science/Analytics. Leveraging my extensive background in Data Analysis and problem-solving expertise, I ignite innovation and rigorously validate IT system solutions through cross-functional synergy.

EDUCATION

The University of Texas at Dallas — **May 2024**
Master of Science, Information Technology and Management — **GPA 3.5**
Visvesvaraya Technological University, Bengaluru — **June 2021**
Bachelor of Science, Mechanical Engineering — **GPA 3.22**

SKILLS

Programing: Python, R, SQL, HTML/CSS, JavaScript.

Tools: MS EXCEL, Tableau, Visual Studio Code, MATLAB, Power BI, Oracle SQL Developer.

Certification: Google Data Analytics Professional Certificate, SQL, Data Visualization with Tableau Specialization.

Course Work: Object Oriented Programing-Python, Data Visualization, Data Management, Business Analytics withR, Advance Statistics, Spreadsheet Modeling and Analysis.

PROFESSIONAL EXPERIENCE

Techno Fly Solutions, Bengaluru, India — **November 2021 – May 2022**
Graduate Trainee Engineer
- Retrieved data through the use of SQL Developer, PuTTY to analyze requirements by working with customers and stakeholders to model and record goals and by communicating openly to fulfil 98% of deadlines.
- Collaborated with cross-functional teams to define KPIs and created automated reports, streamlining data-driven decision processes and reducing reporting time by 20 hours.
- Strategized data collection and analysis methodologies to identify market trends and inform product development strategies increasing company efficiency by 20%.

BEML Ltd, Bengaluru, India — **March 2021 – May 2021**
Student Intern
- Developed data transformation pipelines using Python, Pandas, and NumPy to standardize and structure unstructured data, enabling efficient analysis.
- Generated critical reports from raw data in Unix and sent the reports to designated repositories via RemoteDesktop and MS Excel.
- Designed and updated interactive Tableau dashboards that make complex data easy to understand and visually appealing for executive decision-making.

ACADEMIC PROJECT EXPERIENCE

Smart Location-based Attendance Register Android App - Java, HTML/CSS, Google Cloud
- Android application implemented using QR code generation which is scanned by the students to mark their presence in theclass, thereby reducing the need of additional biometric scanner devices.
- The location of a classroom has specific geo-coordinates and each student's location can be determined by the GPS using asmartphone.

Machine Learning model for Chess Data Analysis - C++, FireBase, IoT
- Implemented a model that will predict the Elo score of a chess p layer. Additionally, it performs the task of guessing the type of game depending on the time of the game and performing classification and regression based on the Elo score.

Prediction of Stock Prices using Machine Learning – Anaconda, LSTM, Matplotlib
- Automated trading system that integrates mathematical functions, machine learning, and other external factors such as news' sentiments for the purpose of achieving better stock prediction accuracy.
- Implemented high-precession forecasting technologies utilizing LSTM units to empower investors and analyst with deep into future stock market conditions.