Anandhanarayanan A N

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Summary

I'm a passionate Data Analyst And Ai Datascience Engineer with expertise in Python, Excel, SQL, Power BI, Tableau, and Machine Learning,Deeplearning. I specialize in analyzing and visualizing data to uncover patterns and provide actionable insights. My goal is to help businesses make data-driven decisions and drive growth through clear, impactful analysis.

I'm constantly learning and exploring new tools and techniques to improve my analytical skills and solve complex problems. Let's collaborate to transform data into powerful insights! I can leverage my skills and knowledge to contribute effectively to the company's success and growth.

Technical skills

- **Languages**: Python, SQL
- **Tools**: MySQL
- **Platforms**: Linux, Web, Windows
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

Experience

- **Luminar Technolab**
  Data Analyst Intern (Full-time) *May 2025 – Sep 2025*
  - Currently pursuing a Data Analytics program at Luminar Technolab, expected to be completed by September. I am steadily focused on building strong and practical skills in Python, SQL, Excel, Power BI, and Exploratory Data Analysis (EDA) from the ground up.

- **Plasmid Innovation** Remote
  Data Science Intern (Full-time) *March 2024– May 2024*
  As a Data Science Intern at PLASMID, I gained practical experience in Python programming, data analysis, and machine learning. I worked with libraries like Pandas, NumPy, and Matplotlib for data handling and visualization. I learned to build machine learning models using Scikit-learn and deep learning models with TensorFlow and Keras. I also explored advanced topics like CNN for image processing, GANs for data generation, and NLP techniques for text analysis. Additionally, I worked with SQL databases and learned basic model deployment using Streamlit.

Projects

- **Movie Recommendation system**: This project is a movie recommendation system that uses cosine similarity and matrix factorization to suggest films based on user preferences. It processes data from The Movie Database (TMDB), including titles, genres, and cast, and applies a bag-of-words model for feature extraction. Built with Streamlit, the system offers personalized movie suggestions and supports user profile-based recommendations. It is scalable for TV shows and music, with potential for future enhancements using advanced algorithms and larger datasets.
- **AI-DRIVEN HOUSE PLAN GENERATOR**: House Plan AI is an intelligent system that generates 2D house plans from user input using T5, LLaMA, GNN, and GAN models. It processes natural language, manages room layouts, and produces realistic floor plans. The system also includes a cost estimation feature using Gemini API to extract data from uploaded plans and estimate construction costs. A Streamlit-based interface allows users, contractors, and dealers to generate, download plans, view cost splits, and manage tasks efficiently—reducing traditional planning time and cost.

Education

- **Bachelor of Technology – Artificial Intelligence & Data Science** **(2021 – 2025)**
  Jyothi Engineering College
  Aggregate Score: 6.86 CGPA
- **Higher Secondary** **(2019 – 2021)**
  G.H.S.S Nandikkara
  Computer Science: 86%
- **High School**
  G.V.H.S.S Nandikkara
  SSLC: 96%

Achievement

- Achieved the second position among the projects in the Department of Artificial Intelligence and Data Science -January 2025