CHIRAG YOGESH

Bangalore Institute of Technology ◇ Bengaluru, Karnataka

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EDUCATION

Bangalore Institute of Technology, Bengaluru **Dec 2022 – May 2026**
B.E in Artificial Intelligence and Machine Learning **CGPA: 7.6**

Venkat International Public School, Bengaluru **Mar 2020 – May 2022**
Class XII, Central Board of Secondary Education **70%**

INTERNSHIP

Central Manufacturing Technology Institute | Data Analyst Intern **Jan 2026 – Jun 2026**

- Cleaned, transformed, and analyzed manufacturing datasets using SQL and Excel to identify trends and generate actionable insights.
- Developed an automated Power BI dashboard to process and visualize manufacturing datasets using pre-built formulas, reducing manual reporting effort.
- Applied analytical techniques to identify patterns and improve workflow efficiency.
- Created reports and visualizations to present key data insights.

PROJECTS

Agriculture Chatbot **Apr 2024 – Aug 2024**

- Developed an agriculture chatbot using Python, spaCy, NLTK, and Scikit-learn with NLP techniques to understand user queries and provide accurate responses.
- Provided recommendations on crops, fertilizers, weather conditions, pest control, and farming practices.
- Implemented a hybrid rule-based and machine learning dialogue system for improved query understanding.

VDA Pro – Vehicle Damage Assessment & Insurance Estimation **Jun 2025 – Dec 2025**

- Implemented YOLOv5 object detection to identify vehicle damages including dents, scratches, and cracks.
- Developed automated assessment reports from user-uploaded vehicle images.
- Built a cost estimation model mapping detected damages to repair cost ranges using custom datasets.
- Designed system for scalability in real-world insurance claim processing.

SKILLS

- **Programming Languages:** C, Java, Python.
- **Data and Analytics:** SQL, Excel, Power BI, Tableau, Data Cleaning, Data Visualization.
- **Machine Learning and AI:** Machine Learning, Deep Learning, Natural Language Processing, Generative AI.
- **Tools and Databases:** Git, GitHub, VS Code, Jupyter, MySQL, MongoDB, Snowflake.
- **Relevant Courses:** Data Structures and Algorithms, Cloud Computing, DBMS, Operating Systems.

CERTIFICATIONS

- **Implementing Deep Learning Algorithms With TensorFlow 2.0** — Infosys
- **Applied Generative AI Certification** — Infosys
- **Power BI Certification** — Office Master
- **AI-first Software Engineering** — Infosys
- **Prompt Engineering** — OpenAI / DeepLearning.AI