

JYOTSNA KASIBHOTLA

DATA SCIENCE ENTHUSIAST

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SUMMARY

Data Science enthusiast who is passionate about applying data-driven methods to solve real-world issues, knowledgeable about using statistical analysis, data visualisation, and machine learning principles to create insightful features. In addition to having practical front-end development skills, I like making clever, simple, and easy-to-use websites. Competent in teamwork, analytical thinking, and project management, streamlining processes and producing useful, significant solutions using contemporary tools and techniques.

TECHNICAL SKILLS

- Programming and Databases:** C, Java, Python, SQLite, PostgreSQL, MongoDB
- ML Libraries:** Scikit-learn, Pandas, NumPy, Matplotlib, PyTorch, TensorFlow
- Machine Learning Skills:** Data preprocessing, feature engineering, model training & evaluation, supervised & unsupervised learning
- Data Handling:** Data cleaning, data wrangling, exploratory data analysis (EDA), text preprocessing (NLP)
- Version Control:** Git & GitHub
- Frontend & Backend Development:** HTML, CSS, JavaScript, Node.js, React.js, Express.js
- Tools & Environments:** Jupyter Notebook, VS Code, PyCharm, Power BI, Looker Studio, ChatGPT, Claude.ai, Gemini, Lovable
- Additional Technical Strengths:** Understanding of arrays, strings, recursion, sorting & searching (DSA fundamentals)

PROFESSIONAL EXPERIENCE

Data Analytics Associate at Excelerate

Oct 2025 - Nov 2025

- Performed SQL joins, data cleaning, and exploratory analysis to prepare high-quality datasets for insights.
- Built interactive visualizations and dashboards on Looker Studio, enabling clear data storytelling and decision-making.

PROJECTS

Fake Job Posting Detector

Nov 2025

Built an ML classifier to detect fraudulent job listings using text preprocessing, feature extraction, and supervised learning; enhanced reliability in identifying suspicious postings.

IdeaForge AI

Dec 2025

Full-stack multi-LLM ideation system with AI agents and a Referee Agent to generate and refine startup ideas into pitch-ready outputs.

Curely – Centralized Healthcare System

July 2025

Created a full-stack healthcare platform with a BBN-based AI chatbot for assistance, offering features like doctor appointment booking, reports management, and a unified patient information system inspired by DigiLocker-style accessibility.

CERTIFICATIONS

Data Science — Infosys Springboard

Oct 2025

Gained hands-on understanding of data preprocessing, statistical analysis, and applying data science workflows for real-world problem-solving.

Multidimensional Data Modeling — Infosys Springboard

Oct 2025

Learnt to design multidimensional schemas (star/snowflake), build OLAP-ready data models, and structure data for efficient analytics.

Introduction to Business Intelligence — Infosys Springboard

Sept 2025

Developed foundational BI skills including dashboarding concepts, KPI tracking, and transforming raw data into business insights.

EDUCATION

Vidyalankar Institute of technology

2023 - 2027

BTech. Computer Engineering | CGPA - 9.89

B.K Birla College of Arts, Science and Commerce

2021 - 2023

PCM, Computer Science | 72.83%

Guru Nanak English High School

2014 - 2021

SSC | 94.60%

EXTRACURRICULARS

- Computer Society of India:** Active member contributing to events, documentation, and student engagement.
- Google Developer Groups:** Participated in tech sessions, workshops, and community-driven learning initiatives.
- NELTAS ECAT National level English Olympiad Top 500 finalists in 2016
- Languages known:** Hindi, English, Marathi, Telugu