

CAREER OBJECTIVE

Results-driven and detail-oriented Data Science and AI enthusiast with strong expertise in Artificial Intelligence, Machine Learning, Deep Learning, Generative AI, and Data Analytics. Experienced in building predictive models, recommendation systems, Retrieval-Augmented Generation (RAG) applications, dashboards, and AI-powered analytical solutions using Python, SQL, Power BI, TensorFlow, PyTorch, and Hugging Face. Skilled in exploratory data analysis (EDA), feature engineering, NLP, prompt engineering, vector databases, and model evaluation. Strong understanding of Large Language Models (LLMs), cloud-based AI systems, and scalable data-driven solutions. Passionate about leveraging AI and data science technologies to solve complex business and scientific problems.

KEY SKILLS

**Artificial Intelligence & Machine Learning:** Machine Learning | Deep Learning | Generative AI | Large Language Models (LLMs) | Retrieval-Augmented Generation (RAG) | Prompt Engineering | Reinforcement Learning | NLP | Predictive Analytics | Model Evaluation | Feature Engineering | Exploratory Data Analysis (EDA)

**Programming & Databases:** Python | PySpark | SQL | JavaScript | MongoDB | Database Management

**AI/ML Libraries & Frameworks:** Scikit-learn | TensorFlow | PyTorch | Hugging Face Transformers | Pandas | NumPy | Matplotlib

**Vector Databases & GenAI Tools:** FAISS | LangChain | Embeddings | Vector Search | AI Chatbot Development

**Data Visualization & Reporting:** Power BI | Tableau | Plotly | Microsoft Excel | Dashboard Development | KPI Reporting | Data Visualization

**Cloud & Deployment:** Azure Fundamentals | AWS Fundamentals | AI Model Deployment | API Integration

**Core Competencies:** Analytical Thinking | Problem Solving | Data-Driven Decision Making | Stakeholder Communication | Cross-Functional Collaboration | Business Insights | Process Optimization

INTERNSHIPS

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| AI & ML Intern                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Oct '25 - Jan '26 |
| Infosys Springboard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Remote            |
| <ul style="list-style-type: none"><li>Performed exploratory data analysis (EDA), data cleaning, and feature engineering using Python for machine learning projects.</li><li>Developed predictive analytics workflows and analyzed large datasets to generate actionable business insights.</li><li>Built automated reporting dashboards and visualization solutions using Power BI and Python.</li><li>Collaborated with cross-functional teams to support AI-driven decision-making and model performance evaluation.</li></ul> |                   |

PROJECTS

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| Walmart Sales Forecasting                                                                                                                                                                                                                                                                                                                                        | Python, SQL, Machine Learning, Predictive Analytics |
| <ul style="list-style-type: none"><li>Developed machine learning forecasting models using historical retail sales datasets.</li><li>Applied trend analysis, feature engineering, and regression techniques to improve forecasting accuracy.</li><li>Generated actionable business insights through KPI tracking and analytical reporting.</li></ul>              |                                                     |
| Online Retail Customer Behavior Analysis                                                                                                                                                                                                                                                                                                                         | Python, Power BI, SQL, Data Analytics               |
| <ul style="list-style-type: none"><li>Analyzed customer transaction data to identify purchasing behavior and sales trends.</li><li>Performed cohort analysis, customer segmentation, and funnel analysis for business intelligence insights.</li><li>Designed interactive Power BI dashboards for customer retention and sales performance monitoring.</li></ul> |                                                     |
| Crop Yield Prediction System                                                                                                                                                                                                                                                                                                                                     | Python, Machine Learning, Data Analysis             |
| <ul style="list-style-type: none"><li>Built predictive models using agricultural datasets for crop yield estimation.</li><li>Applied data preprocessing, statistical analysis, and regression techniques for model optimization.</li><li>Improved prediction accuracy through feature engineering and analytical modeling.</li></ul>                             |                                                     |
| Email Spam Detection System                                                                                                                                                                                                                                                                                                                                      | Python, NLP, Machine Learning                       |
| <ul style="list-style-type: none"><li>Developed NLP-based classification models for spam detection and text analytics.</li><li>Applied preprocessing, tokenization, feature extraction, and machine learning algorithms.</li><li>Evaluated classification performance using precision, recall, F1-score, and accuracy metrics.</li></ul>                         |                                                     |

CERTIFICATIONS

- Microsoft SQL Server Certification – Intellipaat
- Python for Data Science – Intellipaat
- Power BI Workshop – BE10X
- Obatined Professional Certification Program in AI & Data Science from DRISHTI CPS - IIT Indore & Intellipaat

EDUCATION

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|-------------------------------------------|---------|
| Bachelor of Technology (CSE)  CGPA : 8.12 | Jun '26 |
| SRM Institute of Science and Technology   | Chennai |