



T.KARTHIK ACHARI

STUDENT

CONTACT

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SOFT SKILLS

- Project Management
- Leadership
- Teamwork & Collaboration
- Time Management
- Problem-Solving
- Effective Communication
- Critical Thinking
- Adaptability & Resilience

LANGUAGES

- English (Fluent)
- Telugu(Fluent)
- Hindi(Fluent)
- kannada(Basic)

PROFILE

Aspiring Data Scientist & AI Enthusiast with hands-on experience in Python, Pandas, NumPy, MySQL, Power BI, Machine Learning, and Statistics. Skilled in data cleaning, exploratory data analysis (EDA), visualization, and building predictive models. Strong understanding of machine learning concepts and business intelligence for data-driven decision making. Passionate about applying AI and analytics to solve real-world challenges and deliver actionable insights.

EDUCATION

- Bachelor of Technology in Computer Science** 2023 - PRESENT
Koneru Lakshmaiah University, Hyderabad, India
GPA: 8.85/10 (up to 4th Semester) | Expected Graduation: 2027
- Pre-University Education (PUC)** 2021-2023
Vision PU College | Bangalore, India
Marks: 437/600
- Secondary Education (High School)** Year of Completion: 2021
St. Adams High School | Hyderabad, India
CGPA: 8.2/10

PROJECTS

- FinTech!** – A secure, AI-powered personal finance management platform integrating expense tracking, budget planning, and investment insights. Built with React Native for a seamless cross-platform UI, it features real-time analytics, AI-driven financial insights, and automated bill reminders to help users make smarter financial decisions.
- Skill Swap Platform** – A MERN-powered space for sharing and learning skills. Built with MongoDB, Express.js, React.js, and Node.js, it enables users to connect, exchange knowledge, and track skill swap requests in real time. Featuring JWT authentication, REST APIs, and Bootstrap UI, it fosters secure, community-driven learning.

TECHNICAL SKILLS

- **Languages:** C, C++, Python,
- **Data Science & AI:** Pandas, NumPy, Matplotlib, Machine Learning (Basics), Statistics
- **Business Intelligence Tools:** Power BI, Excel
- **Database:** MySQL
- **Web Technologies:** HTML, CSS, Node.js, React.js

CERTIFICATIONS

- Lingua Skilling – Cambridge English
- NVIDIA – LLM Applications with Prompt Engineering (Mar 2025)
- GitHub Foundations (May 2025)
- Oracle AI Vector Search – Oracle (May 2025)
- Advanced Automation Professional – Automation Anywhere (Sep 2025)
- Power BI for Beginners (Oct 2025)

INTERNSHIP

- Data Science Intern – i Studio (July 2025 – Sep 2025)

Retail Sales Forecasting and Dashboard Visualization- Built a regression model to forecast retail sales based on historical transaction data. Performed data cleaning, feature engineering, and exploratory data analysis using Python, pandas, and NumPy. Developed and evaluated the machine learning model (R^2 score, MAE) with scikit-learn and visualized sales trends, top products, and regional performance using Power BI dashboards.

Student Admission Prediction – Logistic Regression

Built a binary classification model to predict student admissions based on exam scores using Logistic Regression. Performed data analysis, visualization, and model evaluation (accuracy, precision, recall, F1-score, ROC-AUC) using Python, pandas, NumPy, seaborn, and scikit-learn.

Stock Market Risk & Return Analyzer – Designed a data analytics tool to calculate returns, risks, volatility, and Sharpe Ratio from stock market data. Used Pandas and NumPy for analysis, Matplotlib for visualization, and Power BI + DAX for building an interactive portfolio performance dashboard.

Study Habit Predictor – Linear Regression

Built a regression model to predict students' final exam scores based on study hours and attendance. Performed statistical analysis, correlation, and data visualization using Python, Pandas, NumPy, Matplotlib, and Seaborn to understand the impact of study habits on performance.

ACHIEVEMENTS

- Earned an **NVIDIA** Certificate of Competency for successfully completing the 'Building LLM Applications with Prompt Engineering' program in March 2025.
- Completed GitHub Foundations Certification Program – GitHub, issued on May 2025.
- Achieved Oracle AI Vector Search Certified Professional – Oracle University, issued on May 2025.
- Achieved Advanced Automation Professional – Automation Anywhere, issued on Sep 2025.
- Achieved Power BI for Beginners – Microsoft, issued on Oct 2025.