

# PANTHAGANI VIGNESH

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## SUMMARY

Motivated and detail-oriented Computer Science student specializing in Data Science, with strong foundations in software development, data analysis, and generative AI. Experienced in implementing AI-driven solutions in a professional setting, leveraging data-driven insights to enhance efficiency and solve real-world challenges.

## PROFESSIONAL EXPERIENCE

### Intern, Innomatics Research Labs

Jan 2025 - Mar 2025

- Implemented automated code analysis, improving accuracy by 20%
- Enhanced automation in software development and travel planning using Generative AI.
- Reduced itinerary generation time by 25%

## PROJECTS

### Travel Agency (Smart Travel Guide)

Feb 2025 - Mar 2025

- Developed an AI-powered travel planning system that customizes itineraries based on user preferences.
- Integrated real-time data for flights, hotels, and local attractions.
- Implemented route optimization using machine learning algorithms.

### Blockchain-Based Anti-Counterfeiting System

Jun 2024 - Nov 2024

- Developed a blockchain-based solution for product authentication.
- Reduced counterfeit incidents by 45%

## CORE SKILLS

- **Programming:** Python, SQL, Flask, Power BI, KNIME, Excel
- **Technologies:** LangChain, API Integration
- **Software Engineering:** Agile Development
- **Data Analysis:** Risk Management, Predictive Analytics
- **Soft Skills:** Teamwork, Problem-Solving

## EDUCATION

### B.Tech in Computer Science (Data Science)

Nov 2021 - Apr 2025

Malla Reddy College of Engineering and Technology, Hyderabad

### Senior Secondary in MPC

Jun 2019 - Aug 2021

SR Junior College, Karimnagar

## CERTIFICATIONS

- IBM AI Certification
- Cambridge English B2 Proficiency
- Machine Learning Overview (IBM)
- Wadhvani Foundation Skills

## LANGUAGES

- **English** – Fluent
- **Hindi** – Proficient
- **Telugu** – Native