PANTHAGANI VIGNESH

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in Linkedin — 🌐 Portfolio

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

Data Analyst Intern, Innomatics Research Labs
Hyderabad   *Jan 2025 - Mar 2025*

- Utilized Generative AI models to automate code-level analytics, improving review accuracy by 20% and minimizing manual quality checks.
- Streamlined travel itinerary planning by applying ML-driven time series and user preference analysis, reducing processing time by 25%.
- Reduced itinerary generation time by 25% through efficient data processing.

PROJECTS

Travel Agency (Smart Travel Guide) — (Live Demo)   *Feb 2025 - Mar 2025*

- Developed an AI-powered travel system that personalized itineraries based on user preferences, increasing relevance and engagement.
- Leveraged real-time APIs (flights, hotels, local spots) to dynamically curate travel plans, improving planning efficiency by 25%.
- Applied machine learning for route optimization and decision-making, reducing travel time and costs in test scenarios.

Blockchain-Based Anti-Counterfeiting System — (Link)   *Jun 2024 - Nov 2024*

- Developed a blockchain-based solution for product authentication.
- Reduced counterfeit incidents by 45% and improved trust by 30%.
- Improved supply chain transparency and boosted brand trust through tamper-proof authentication.

TECHNICAL SKILLS

- **Languages and Databases:** Python, Pandas, Numpy , SQL, MySQL
- **Visualization Tools:** Power BI , KNIME
- **Other Skills:** Advanced Excel, Data Analysis, Effective Communication, Git, Github, Adaptability

EDUCATION

B.Tech in Computer Science (Data Science)   *Nov 2021 - Apr 2025*
Malla Reddy College of Engineering and Technology — 8.45 CGPA — Hyderabad
Senior Secondary in MPC   *Jun 2019 - Aug 2021*
SR Junior College — 78% —Karimnagar

CERTIFICATIONS

- **IBM Python for Data Science AI Certification** - (Link)
- **Cambridge English B2 Proficiency** - (Link)
- **Machine Learning Overview (IBM)** - (Link)
- **Wadhwani Foundation Skills** - (Link)