Hema Nagalla

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SUMMARY

Enthusiastic B.Tech student in AI & ML, skilled in Python, ML, and data visualization. Completed Amazon ML Summer School 2025 and Infosys Pragati Cohort 5, gaining hands-on AI and teamwork experience. Certified in ServiceNow CSA and CAD, with strong leadership, problem-solving, and collaborative skills. Passionate about building AI-powered solutions and contributing to innovative projects.

TECHNICAL SKILLS

Programming: Python, Data Structures & Algorithms (Intermediate), Machine Learning,AI ,Java(Basic),SQL
Tools: Power BI, Tableau, MS Excel
Other: Content Creation, Teamwork, Public Speaking, Leadership
Soft Skills: Communication, Adaptability, Time Management

INTERNSHIPS

-AI & Prompt Engineering Intern – Vaults of Codes (May–Jun 2025): Designed and optimized AI prompts using Zero-shot, Few-shot, and Chain-of-thought methods; built a Recipe Generator.
-**Machine Learning Intern – SmartBridge:** Developed ML models for liver cirrhosis prediction.
Built and tuned classification models (XGBoost, Logistic Regression) to predict liver cirrhosis with 92% accuracy. -**Power BI Intern – Cognifyz Technologies (May–Jun 2024):** Created dashboards to analyze savings patterns using Power BI and Python. Designed Power BI dashboards tracking savings patterns for 1K+ user records.

PROJECTS

-**Recipe Generator** – **Prompt Engineering**: Built a recipe tool using Zero-shot, Few-shot & Chain-of-thought prompting.
-**Blinkit Sales Analysis** – **Power BI**: Designed dashboard to visualize sales performance & product trends. Analyzed 50K+ transactions to identify sales trends and category performance.
-**HR Insights** – **Tableau**: Created interactive HR metrics dashboard for workforce analysis. -**Computer Vision Projects** – **ML**: Built real-time facial & hand gesture recognition using Python & OpenCV. Implemented real-time facial & hand-gesture recognition models.
-**Parkinson Disease Detection** – **ML**: Created model to detect Parkinson's disease from MRI scans.Trained supervised models achieving 89% accuracy in prediction.

EDUCATION

B.Tech in Artificial Intelligence & Machine Learning – Bonam Venkata Chalamayya Engineering College (2022–2026)
CGPA: 8.3 (up to 3.2 semester)

ACHIEVEMENTS & PROGRAMS

Amazon ML Summer School 2025 – Advanced training in Machine Learning applications.
Infosys Pragati Cohort 5 – Completed Data Science Path with projects & teamwork exposure.

CERTIFICATIONS

SERVICENOW- Certified System Administrator
SERVICENOW- Certified Application Developer
GUVI-Python Programming
AI for India 2.0 – GUVI
Tableau – Jobaaj Learning
Power BI – Techtip24