

# Damodar Reddy K

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## Professional Summary

Mathematics Expert with a Bachelor of Science (Honors) in Mathematics. Proven experience in developing engaging mathematical reasoning content and optimizing AI workflows through prompt engineering and Generative AI expertise. Eager to leverage strong analytical skills and a growth mindset to revolutionize mathematics education with AI, making personalized learning accessible and fun for students worldwide.

## Education

**Bachelor of Science with Honors in Mathematics**

**June 2021 – April 2025**

Sri Sathya Sai Institute of Higher Learning, India

## Certifications

- Complete AI Data Training Course – Udemy **April 2025**
- PowerBI Workshop – Office Master **November 2024**
- Generative AI Fundamentals – Google Cloud Platform **October 2023**
- Hands-on Predictive Analytics – DMAPS, SSSIHL **November 2022**

## Key Skills

- **Languages:** English , Hindi, Telugu
- **On-Demand Skills:** Prompt Engineering, Agent Building and Vibe Coding
- **Tools:** Google Workspace, Google Colab, Vertex AI, MS Office 365, MS Excel, PowerBI, and MS Fabric
- **Mathematics Content Development:** Problem Creation, Solution Optimization, Digital Curriculum Development, Didactic Excellence
- **AI-Powered Innovation:** Prompt Engineering, Generative AI Workflows, AI Content Optimization, AI Model Training
- **Analytical & Communication:** Analytical Thinking, Data Analysis, Clear & Effective Communication, Cross-Functional Collaboration
- **Programming Languages:** C, Python, SQL

## Relevant Experience

**Math Reasoning Specialist**

**January 2025 – March 2025**

Turing AI – Palo Alto, California(Remote)

- Contributed to Training of AI models to solve complex reasoning problems and optimize solutions.
- Supported SFT and RLHF tasks to improve AI accuracy and efficiency.
- Collaborated with a global team to design and refine diverse reasoning tasks.

**Summer Intern – CAS Student Central**

**June 2023 – August 2023**

Casualty Actuarial Society, USA (Remote)

- Gained hands-on experience in data analysis using advanced Excel functions.
- Demonstrated strong attention to detail and organizational skills in processing large datasets.