

Abhigna Kuchukulla

📍 Hyderabad, Telangana ✉ abhignakuchukulla@gmail.com ☎ +91 9346214548 🔗 Leetcode 🌐 GitHub

Education

VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India Nov 2022 – Apr 2026
• Bachelor of Technology in Computer Science GPA: 8.35/10.00

Projects

Finautica – Personalized Financial Planning Agent (LLMs, Agentic AI) [GitHub](#)

- Contributed to building an AI financial advisor for SIP planning and budgeting using a Streamlit interface.
- Used large language models and agentic workflows to create tailored financial insights.
- Technologies: Python, LangChain, OpenAI API, React.js, Streamlit

Intelligent Process Automation [GitHub](#)

- Assisted in automating business operations such as data entry and document management, with real-time analytics.
- Helped develop workflow automation and integration across systems.
- Technologies: Next.js, TypeScript, Gemini API, Node.js, MongoDB, OCR, NLP

Diabetic Retinopathy Severity Prediction using Graph Neural Networks [GitHub](#)

- Supported development of a graph neural network for diabetic retinopathy severity classification using APTOS 2019 data.
- Implemented explainable AI methods and worked on a Gradio interface for prediction interpretation.
- Technologies: Python, PyTorch, scikit-learn, Gradio, Explainable AI

Skills

Programming Languages: Python, C, SQL

Technologies / Tools: HTML, CSS, Bootstrap, React.js, Flask, MongoDB, MySQL, Power BI, GitHub

Subjects: Data Science, Machine Learning, Deep Learning, Artificial Intelligence

Achievements

- Google Girls Hackathon 2025: Semi-finalist for innovative solution development.
- CodeChef: 3-star coder with 500+ problems solved.
- Leetcode: Top 6.43% globally with a rating of 1,833.
- Stackhack2.0: Top 10 teams in Mettl's StackHack 2.0.

Certifications

- Data Structures and Algorithms: Smart Interviews
- Cloud Computing: NPTEL, IIT Kharagpur

Leadership and Extracurricular Activities

- General Secretary (2025), Computer Society of India (CSI)
- Student Coordinator, VJH'24 Hackathon
- Volunteer, Streetcause, VNRVJIET