

Dear Hiring Manager,

I am a CS(AI/ML) master's student with experience across health tech and fintech. I focus on turning ideas into useful, dependable software.

Currently an SDET Intern at MiHIN, working on patient centric data problems such as building small services, tightening data exchange workflows, writing meaningful tests and shipping observable, easy to maintain releases. At Binghamton University, as a Research assistant I automated a histopathology image segmentation pipeline and trained survival prediction deep learning models on high resolution WSIs, which taught careful data handling and outcome driven evaluation. Earlier at Citi through Tata Consultancy Services, I engineered test automation that developers trusted and partnered closely with product and engineering to keep releases predictable.

Beyond coursework, I shipped projects people can actually use. Kitchbot, a pantry aware meal planning assistant (Streamlit + LangChain) that plans, tracks inventory and explains choices. I can proudly say that I built Samethalu.com, a RAG app that makes Telugu proverbs searchable with embeddings and vector search. A social media insights pipeline (Python, PostgreSQL/TimescaleDB, Docker, Transformers) with an interactive Flask/Plotly dashboard; and a real time Android handwritten-digits app using PyTorch Mobile and CameraX. The pattern is consistent; start small, make it reliable, add polish, and document so others can build on it.

I bring steady, careful engineering, clear communication and the habit of leaving systems better than I found them. I am excited to contribute to a team that values clean code, thoughtful reviews, and shipping useful software.

Sincerely,

Saiprakash Nalubolu

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