

NIKHIL KADAPALA

SOFTWARE ENGINEER

Austin, Texas |  kadapalanikhil@gmail.com |  LinkedIn |  Portfolio

SUMMARY

Recent M.S. Computer Science graduate seeking Software Engineer roles specializing in AI, ML, and Generative AI. Demonstrated ability to design and build complex AI-driven systems, including an open-source claim normalization tool leveraging state-of-the-art LLMs.

Proficient in Python & PyTorch for model development; FastAPI & WebSockets for streaming APIs; React for frontend; AWS, Heroku, Render & Vercel for deployment. Strong foundation in Neural Networks, NLP, LLMs training and fine-tuning, prompt engineering, and AI evaluation metrics.

Ready to apply this blend of academic research and engineering to enhance information clarity, model faithfulness and build production-ready AI/ML solutions.

PROFESSIONAL EXPERIENCE

University of New Hampshire

Durham, NH

Information Technology Help Desk Technician

Aug 2024 - May 2025

- Provided technical support to end-users via phone, email, and in-person, resolving hardware, software, and network issues.
- Troubleshooted and resolved a wide range of technical problems, including operating system errors, application malfunctions, and network connectivity issues.
- Installed, configured, and maintained computer systems including re-imaging and end-point management.
- Assisted with user account management, including creating new accounts, resetting passwords, and managing user permissions.
- Documented all support requests and resolutions in a ticketing system.
- Contributed to maintaining a knowledge base of common issues and solutions.

Tata Consultancy Services (TCS)

Nagpur, India

SAP Security Consultant

Feb 2021 - Aug 2022

- **SAP Security Management:** Managed user accounts, roles, and authorizations, ensuring segregation of duties compliance.
- **Security Implementation and Monitoring:** Configured and implemented security measures, monitored security incidents, and ensured compliance with regulations.
- **User Training and Documentation:** Provided training on security best practices and created documentation on security configurations and procedures.

Electronics Corporation of India Limited (ECIL)

Hyderabad, India

Automation Engineer Intern

May 2019 - Aug 2019

- **Automation System:** Implemented an automated pipeline control system using PLC and SCADA for oil and gas operations.
- **Control and Monitoring:** Executed control logic, monitored critical parameters, and generated alarms for timely intervention.
- **Data Management and Integration:** Collected data, generated reports, and integrated SCADA with external systems like SAP for data exchange and analysis.

KrazyBee Services Private Limited (FinTech)

Hyderabad, India

Campus Ambassador

Aug 2017 - May 2019

- **Responsibilities:** Driving product advertising, promotional events, and student sign-ups.
- **Key Achievements:** Successfully organized promotional events, implemented effective advertising strategies, and achieved high student sign-up rates.
- **Stakeholder Relations:** Developed and maintained strong relationships with college management, faculty, and student community leaders.

PROJECTS

Claimifying Social Media Posts with Self-Refinement

Jan 2025 - May 2025

CLEF-2025 CheckThat! Lab Task 2: Claim Extraction and Normalization

GitHub

- This project uses a combination of prompting strategies and an iterative Self-Refinement stage, where the same LLM that generates the initial claim provides feedback based on specific criteria evaluating the check-worthiness of the claim against the input text. This feedback, along with the input and initial claim, is fed back into the same LLM, which generates a refined version of the claim.

Resume - Job Description Ranking

Jan 2025 - May 2025

Master's Project

GitHub

- This project exploits the capability of LLMs towards evaluating resumes against a given job description and classify them as either good fit, partial fit, or not fit along with providing an overall score, a rationale explaining the reasons for the classification and the score, and suggestions to better tailor the resume to fit the job description including personalized recommendations to close any and all gaps in the resume.

SKILLS

Python	PyTorch	Java	SQL	C	AWS
FastAPI	JavaScript	Docker	ReactJS	Git	NLP/RAG

EDUCATION

Master of Science in Computer Science

Aug 2022- May 2025

University of New Hampshire, Durham, NH

Relevant Coursework: Foundations of Neural Networks, Advanced topics in NLP(FAccTML, Interpretability), Data Science for Knowledge Graphs & Text, Data Structures and Algorithms, Operating Systems, Computer Architecture and Systems Programming, Software Security, Advanced Computer Networks.