

BHUVAN KODURU

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EDUCATION

Carnegie Mellon University Pittsburgh, PA
Master of Science in Intelligent Information Systems December 2026
Current Coursework: Introduction to Deep Learning, Advanced NLP, Multimodal ML

JSS Science and Technology University Mysore, India
Bachelor of Engineering in Information Science and Engineering - GPA: 9.44/10.0 June 2024
Relevant Coursework: Python Programming, Statistics, Data Mining, Linear Algebra
Leadership: ML Lead- Google Developer Student Clubs, Editor- The Editorial Board, Computer Society of India

WORK EXPERIENCE

Adobe Systems India, Pvt. Ltd. Bengaluru, India
Associate Technical Consultant August 2024 - April 2025

- Competed in Adobe India-wide AWS DeepRacer Reinforcement Learning championship, secured 7th place out of 115 teams, and earned a top 10 finalist position.
- Devised a multi-agentic workflow for conversion of plaintext to Adobe Fusion scenarios, cutting deployment time from weeks to days. Was among 24 semi-finalists across Adobe worldwide for Adobe Summit Sneaks.
- Developed a Workfront Fusion Scenario documentation generator and optimizer, minimizing initial documentation time by 70% and improving efficiency and coding practices by 40%.

FinTech Lab, Georgia Institute of Technology Atlanta, GA (Remote)
Volunteer Research Assistant May 2024 - December 2024

- Created a dataset by scraping over 100K web pages about various financial laws of New York State.
- Decreased scraping time from ~3 hours to 10 minutes by writing a python script to automate scraping by recursively opening embedded links from a homepage.

Nosh Robotics Bengaluru, India
Computer Vision Intern February 2024 - June 2024

- Trained computer vision models (ResNet, Inception, MobileNet) to estimate ingredient cooking levels, and optimized them through quantization for real-time edge deployment.
- Implemented a RAG-based food Q&A chatbot by integrating FAISS and ChromaDB for user queries.

Spinal Cord Lab., Indian Institute of Technology Hyderabad Hyderabad, India (Remote)
Research Intern October 2023 - March 2024

- Analyzed motion capture and mobile camera data from 17 subjects performing 23 activities to identify differences, determined joint offsets in centimeters, and prepared evaluation metrics with time synchronization between the two sources.

Adobe Systems India, Pvt. Ltd. Bengaluru, India
Technical Consultant Intern May 2023 - July 2023

- Delivered a tool to automate Social Media campaigns with ChatGPT, Photoshop and Stable Diffusion APIs, with Adobe Fusion. Reduced overall workflow time for marketing campaigns from weeks to a few hours.

PROJECTS

FoodieSpot: A restaurant booking AI Agent February 2025 - February 2025
• Built an AI agent using Llama 3.1 8B model to manage restaurant bookings, integrating tool usage and a MongoDB database for reservations and implemented RAG for user query analysis and restaurant retrieval.

RAG on 10K filings and NCERT Textbooks April 2024 - May 2024
• Executed a Retrieval Augmented Generation pipeline on annual reports of companies with FAISS and ChromaDB; Claude, Phi3, LLaMA3, Cohere and Mistral 7B LLMs and LLaVA models for QnA.

Asan Sahayak August 2023 - September 2023
• Prepared a model for Yoga pose and gesture recognition and estimation with feedback generation. Identified a lag of 0.3-0.7 seconds in feedback.

SKILLS

Python, Machine Learning, C, C++, Data Structures and Algorithms, HTML, CSS, Django, Flask, SQL