



Education

MPSTME, NMIMS University	2022 - 2026
B. Tech in Computer Engineering CGPA: 3.94/4.00	
St. Rock's Jr. College of Commerce and Science	2022
HSC: 85.00%	
Dr. S. Radhakrishnan International School	2020
IGCSE: 87.00%	

Projects

WOLF - Wildlife Observation through Latent Feature evaluation - 2025

Built a 21-class wildlife image classifier using TensorFlow, Keras, and transfer learning (MobileNetV2, ResNet50 – 94.5% accuracy, ConvNeXt) on the Zoo 2000 dataset. Used class weighting, augmentation, and evaluated with scikit-learn, Matplotlib, and Seaborn in Kaggle GPU notebooks.

Microservices Voting System - 2025

Developed a scalable and containerized voting platform using Java Spring Boot, MySQL, Docker, Kubernetes, Eureka, Spring Cloud Gateway, and Java Mail. Implemented concurrency control, secure API routing, and real-time result aggregation to ensure high availability and reliable performance.

Distributed Voting System - 2025

Built a fault-tolerant voting system in Java using Sockets and Distributed Systems concepts. Implemented Bully algorithm for leader election and heartbeat-based failure detection.

CAMPUSNAV - Campus Navigator App - 2024

Developed a campus navigation app in Android Studio using Java, featuring classroom search, timetable scheduling, and an intuitive interface for seamless navigation.

CHAT APP - 2024

Built a real-time chat application using MERN stack, featuring user authentication, live messaging, and a responsive UI.

Route Extraction from Graph Images - 2024

Created an OCR-based route extraction tool using Python, OpenCV, Pytesseract, and NumPy. Parsed diagram images-built graph representations, and applied Dijkstra's algorithm for shortest path.

Internships

Oneture Technologies Private Limited - May 24 – June 24

Integrated fine-tuned large language models (LLMs) into the application to streamline and improve the audit review process, ensuring greater accuracy and efficiency. Designed and deployed Retrieval-Augmented Generation (RAG) workflows, integrating vector databases to enable efficient document retrieval and enhance knowledge grounding.

Certifications

Meta Version Control, Coursera, 2025
IBM Introduction to Data Science, Coursera, 2024
IBM Data Science Fundamentals with Python and SQL, Coursera, 2024
U Penn Introduction to Programming with Python and Java, Coursera, 2024
Building Agentic RAG with Llamaindex, Deeplearning.ai, 2024
Multi AI Agent Systems with crewAI, Deeplearning.ai, 2024
AI Agentic Design Patterns with AutoGen, 2024
Harvard CS50's Introduction to Computer Science, edX, 2020

CORE SKILLS

Technical Skills:

Python, Java, HTML, CSS, JavaScript, NumPy, Matplotlib, MySQL, MongoDB, MS Excel

Soft Skills:

Leadership, Problem-solving, Communication, Teamwork, Adaptability, Attention to detail, Work ethics