

NANDHU S KUMAR

MS STUDENT IN APPLIED AI | COMPUTER SCIENCE AND ENGINEERING GRADUATE

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As a first-year MS Applied AI student in the U.S. on an F1 visa, I'm a B.Tech grad with a strong Computer Science foundation and a real passion for artificial intelligence. I'm handy with Python and enjoy tackling AI and machine learning projects. Always eager to learn and stay on top of the latest tech trends.

SKILLS

- Python language
- Generative AI - LLMs
- SQL and SQLite
- Analytical and Critical Thinking skills
- C language
- Transfer Learning
- Vector databases
- Writing and Communication Skills
- Machine Learning
- Data Science
- AWS
- Teamwork and Consulting Skills

PROJECTS

Generative Search using AI (Feb 2024 - May 2024)

- Developed an innovative search solution for a college website utilizing Large Language Model (LLM) and Retrieval Augmented Generation techniques. Used Python language, vector databases and reflex framework.

Test Smith (2023)

- An integrated system that streamlines the creation of question papers from a question bank, optimizing the process based on specified input criteria. It also offers the capability to conduct tests. Built using python language and flask framework.

EXPERIENCE

Machine Learning Intern, Unified Mentor (Sep 2024 - Dec 2024)

- Developed and implemented machine learning models for real world applications.

CERTIFICATIONS

IBM Data Science Professional Certificate • Certified by IBM & Coursera • 2024

AWS Cloud Practitioner • Certified by Amazon Web Services • 2023

Python for Data Science • Certified by NPTEL - IIT, Madras • 2023

Generative AI with Large Language Models • Certified by DeepLearning AI • 2023

Python Basics for Data Science • IBM • 2020

PROFESSIONAL EDUCATION

MS in Applied AI (2025 - Present)

Purdue University Northwest, Indiana, USA

Bachelor of Technology in Computer Science and Engineering (2020 - 2024)

College of Engineering Perumon, APJ Abdul Kalam Technological University, Kerala, India