

CAREER OBJECTIVE

Aspiring AI & ML engineer seeking a challenging role in a forward-thinking organization where I can leverage my technical skills, problem-solving abilities, and passion for innovation to develop impactful, data-driven solutions while continuously expanding my expertise.

WORK EXPERIENCE

Text Classification Using Tensor Flow • Internship

Jul 2024 - Aug 2024

1stop, Virtual

- Designed and implemented a machine learning model in TensorFlow to classify text data into predefined categories.
- Preprocessed and cleaned datasets, applying tokenization, padding, and embedding techniques for optimal model performance.
- Trained, tuned, and evaluated deep learning models to achieve high accuracy and robustness in predictions.
- Applied data visualization and performance metrics to interpret model results and guide improvements.

Python Development Intern • Internship

Jun 2023 - Jul 2023

EduScient Pvt. Ltd., Virtual

- Developed a "Fake News Detector" project using Python, applying machine learning techniques to identify misinformation.
- Translated theoretical training into a practical application by implementing core program elements and adapting to project requirements.
- Collaborated with supervisors to meet all key briefs and delivered outputs meeting company standards.
- Demonstrated diligence and problem-solving skills, ensuring timely completion of assigned tasks with high quality.

EDUCATION

B.Tech, Computer Science & Engineering

2021 - 2025

Karunya Institute Of Technology And Sciences (Deemed To Be University)

CGPA: 7.95/10

Senior Secondary (XII), CBSE

2021

St. Aloysius Sr. Sec. School

Percentage: 86.00%

Secondary (X), CBSE

2019

St. Aloysius Sr. Sec. School

Percentage: 90.40%

TRAININGS / CERTIFICATIONS

AI Tools Workshop By Jatan Shah

Jan 2025

Skill Nation, Virtual

Blockchain Basics And 101

Oct 2024 - Nov 2024

infosys, Virtual

MongoDB Python Developer Path

Sep 2024 - Oct 2024

MongoDB, Virtual

Data Analytics Essential

Nov 2023

Cisco networking academy, Virtual

Introduction To Data Science

Nov 2023

Cisco networking academy, Virtual

PROJECTS

AI voice Assistant using Python and Google Gemini API

Aug 2024 - May 2025

- Developed an intelligent, modular voice assistant integrating Google’s Gemini AI, Speech-to-Text, and Text-to-Speech APIs for real-time, context-aware conversations.
- Implemented Natural Language Understanding (NLU) for intent recognition, entity extraction, and sentiment analysis to enhance conversational accuracy.
- Designed and integrated a Flask-based backend with a responsive JavaScript frontend for seamless speech input/output and user interaction.
- Optimized system performance through prompt engineering, multi-turn dialogue management, and testing against industry benchmarks for accuracy, latency, and user satisfaction.

SKILLS

- | | | |
|-----------|----------------|-----------------|
| • Python | • Tinkercad | • MySQL |
| • Java | • Adaptability | • Self-learning |
| • MongoDB | | |

EXTRA CURRICULAR ACTIVITIES

- Participated in Patriotic Run 2023 organized by the Department of Physical Education, Karunya Institute of Technology and Sciences, promoting health, fitness, and the spirit of national unity (Jan 2023).

Smart Car Parking System

Jan 2024 - May 2024

- Designed and implemented an IoT-based parking management system using Arduino microcontrollers and IR sensors for real-time vehicle detection.
- Developed firmware, backend logic, and a user-friendly interface to display availability, guide drivers, and manage reservations/payments.
- Integrated hardware and software components to optimize space utilization, reduce congestion, and enhance user experience.
- Conducted simulation and testing in Tinkercad to validate system accuracy, scalability, and operational reliability.