

# Navaneeth S Anil

## AI Engineer | Data Scientist

anilnavaneeths@gmail.com | [www.linkedin.com/in/navaneeth-s-anil-7916a1239/](https://www.linkedin.com/in/navaneeth-s-anil-7916a1239/) | +91 7994198018

### TECHNICAL SKILLS

#### Core Programming Language

- Python

#### Artificial Intelligence & Machine Learning

- Machine Learning Algorithms
- Deep Learning
- Convolutional Neural Network (CNN)
- Computer Vision
- Large Language Models (LLMs)
- Retrieval Augmented Generation (RAG)
- Natural Language Processing (NLP)

#### Frameworks

- PyTorch
- LangChain
- Django

#### Tools

- Pandas
- Hugging Face
- Vector Databases
- Streamlit
- Gradio

#### Databases

- PostgreSQL
- Pinecone
- MySQL
- Firebase
- MongoDB

### EDUCATION

#### B.Tech in Computer Science

Saintgits College of Engineering (2019 - 2023)

#### Higher Secondary, Computer Science

St. Berchmans (2017 - 2019)

### SUMMARY

Experienced AI Engineer specializing in **Artificial Intelligence** and **Machine Learning** with expertise in **Deep Learning**, and developing **GenAI** applications. Skilled in building scalable back-end APIs and AI-driven solutions using **Python**, **PyTorch**, **LangChain**, and **Django**. Adept at solving complex problems and delivering impactful results through collaboration with cross-functional teams.

### PROFESSIONAL EXPERIENCE

#### Associate AI Engineer

StaxLabs, May 2024 - Dec 2024

- Developed and optimized back-end APIs for AI-driven solutions.
- Collaborated with cross-functional teams to troubleshoot and resolve API-related challenges.
- Contributed to deploying scalable, efficient AI applications that aligned with business objectives.

### LICENSES & CERTIFICATIONS

AI Engineering Professional Certificate ( <b>Specialization</b> )	- IBM
Machine Learning Professional Certificate ( <b>Specialization</b> )	- Stanford
Generative AI Certification	- Microsoft & LinkedIn
AI Essentials	- Google
Python for Data Science, AI & Development	- IBM
Django Application Development with SQL & Databases	- IBM
Building RAG Agents with LLMs	- Nvidia
LLMOps: Building Real-World Applications With Large Language Models	- Udacity

# PROJECTS

## Accident Detection System

- Engineered a real-time AI-powered system using PyTorch for traffic accident detection with high accuracy.
- Incorporated computer vision and deep learning techniques to alert emergency responders, enhancing response time.

GitHub: <https://github.com/navaneethsanil/Accident-Detection.git>

## PDF chat system

- Built an interactive PDF Chat System leveraging LangChain and Pinecone for efficient document interaction.
- Used "all-mpnet-base-v2" embeddings and Mistral's LLM for accurate, context-aware query responses.

GitHub: <https://github.com/navaneethsanil/Pdf-Chat.git>

## Project Management Web App

- Developed a Django-based application for managing project tasks with export capabilities to GitHub secret gists.

GitHub: <https://github.com/navaneethsanil/Project-Management-Web-App.git>