

# Arkala Vishal

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## Executive Summary

Dynamic fresher with Gen AI skills, eager to contribute to SAT Infotech's growth. SAT Infotech is a multinational leader in IT consulting, ERP, business intelligence, software development, and cloud services. Confident in my ability to thrive in a fast-paced environment and add value for this role

## Technical Skills

**Languages and Tools:** Python, SQL (MySQL), Excel, MongoDB

**Libraries & Frameworks:** FastAPI, LangChain, Numpy, Pandas, Matplotlib, SK-Learn

**Data Science & Machine Learning :** Data Collection, Data Pre-processing, Data Warehousing, Linear and Logistic regression, KNN, Decision Tree, and K Means

**Mathematics for ML:** Statistics, Probability, Matrices

## Experience

**Surya Tech Solution | Industrial Training - (Sep 2021 - Jan 2022)**

At Anurag College of Engineering, I pursued a diploma in electrical and electronics engineering. Subsequently, I successfully completed my industrial training in the field of **Optical Fibre** gaining valuable hands-on experience and practical knowledge in this specialized area.

## Projects

### Song Recommendation System

Developed a Python app using Spotify's API for personalized song recommendations, utilizing collaborative and content-based filtering. Enhanced the user experience with data visualization to provide insights into the recommendation process

### Image Captioning Project

Developed an image captioning model using Vision Transformer (ViT) for feature extraction and LSTM for text generation. Implemented attention mechanisms and greedy search algorithms, evaluated with BLEU metrics on the Flickr 8k dataset.

### Smart India Hackathon – SIH

I proposed a mobile app prototype at SIH to enhance tourist's beach experiences and safety by helping them discover and engage in recreational activities.

## Education

Nalla Narasimha Reddy Education Society's Group of Institutions, Computer Science and Engineering Specialization in Data science. | CGPA 7.55 | present 2025

Diploma in Electrical and Electronics Engineering Anurag College of Engineering | CGPA 7.0% | 2019-2022

## Achievements & Certifications

- Data Science Foundation - [Great Learning](#)
- What Is Generative AI - [LinkedIn](#)
- Databases and SQL for Data Science with Python - [IBM](#)
- AI-ML Virtual Internship - [AICTE](#)

## Languages Known

- English
- Telugu
- Hindi

