

Vemparla Visvesvara Rao



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A creative and detailed individual has the capacity to develop an effective solution and possess a positive attitude towards individual goals and an organizational goal.

EDUCATION

Chalapathi Institute of Engineering and technology College of Engineering

2021 - 2025

Artificial intelligence and Machine Learning

CGPA : 7.49

Intermediate

2019 - 2021

Oxford VIT academy

Percentage : 80

High School | SSLC

2018- 2019

Oxford Schools

CGPA :9.0

PROJECTS

GENERATING IMAGE CAPTIONS BASED ON DEEP LEARNING AND NATURAL LANGUAGE PROCESSING ||

Deep learning

Technologies Used: Deep Learning Frameworks (TensorFlow), RESNET50, LSTM
Tools and libraries Used: NumPy, pandas, pillow

- Designed and developed a web application, facilitating image caption generation for images and it also provide caption for complex images and low-quality images. Main aim to bridge the connection between visual content and text description.
- We used CNN to extract the features in the image, Then LSTM (Long short-term memory) which generates coherent caption by predicting a sequence of words.

SKILLS

HTML

- GOOD KNOWLEDGE ABOUT TAGS (SEMANTIC & NON-SEMANTIC) AND ATTRIBUTES (GLOBAL & LOCAL).
- PROFICIENT IN LISTS AND TABLES.
- CREATION OF HYPERLINKS AND USAGE OF MEDIA TAGS. GOOD KNOWLEDGE OF FORMS.

CSS

- GOOD KNOWLEDGE ABOUT CSS AND ITS TYPES.
- PROFICIENT IN BOX MODEL.
- KNOWLEDGE ON SELECTORS , COMBINATORS AND PSEUDO-SELECTORS.

- ABILITY TO USE DISPLAY AND POSITION PROPERTIES.
- BASIC KNOWLEDGE ON RESPONSIVE WEBPAGE

JAVASCRIPT

- GOOD UNDERSTANDING OF KEYWORDS , LITERALS AND DATATYPES.
- PROFICIENT IN USING OPERATORS.
- ABILITY TO CREATE AND USE FUNCTIONS AND OBJECTS.
- KNOWLEDGE ON STRINGS , ARRAYS , DESTRUCTURING AND HOISTING.

JAVA

- GOOD KNOWLEDGE ABOUT LITERALS ,DATATYPES ,OPERATORS.
- GOOD UNDERSTANDING OF METHODS , OBJECTS AND CLASSES.
- GRIP ON TYPECASTING , LOOPS AND CONTROL FLOW STATEMENTS . FAMILIAR WITH OOPS CONCEPTS

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- | | |
|---------------|----------------|
| -Polymorphism | -Abstraction |
| -Inheritance | -Encapsulation |

- HANDLING EXCEPTIONS AND KNOWLEDGE ON CONSTRUCTORS.
KNOWLEDGE ON METHOD OVERLOADING AND METHOD OVERRIDING.

SQL

- BASICS OF RDBMS CONCEPT LIKE DATA INTEGRITY CONSTRAINTS.
- PROFICIENT IN JOINS AND TYPES OF JOINS .
- GOOD UNDERSTANDING OF SQL STATEMENTS.
- GRIP ON SUBQUERIES,CORELATED SUBQUERIES,ABILITY TO PERFORM NORMALIZATION.

CERTIFICATIONS

- **Microsoft Azure Administrator Associate Certification** - Acquired fundamental skills with hands-on practice.
- **Python Essentials by Cisco** - Acquired fundamental and advanced Python programming skills with hands-on practice.

INTERNSHIPS

- **ANDROID DEVELOPER VIRTUAL INTERNSHIP**- Acquired fundamental skills with hands-on practice.
- **AWS Cloud Virtual Internship** - Acquired fundamental and hands on experience.

WORKSHOPS AND TRAININNG

- Game Development: Attended 5 days workshop and gained hands-on building a game using Build box.
- Attended 3 days' workshop on Ethical Hacking Workshop conducted by Mr. Bharat Kumar (Cyber Crime Intelligence)
- Attended 5 days workshop on ANDROID APPLICATION COURSE conducted by develop tress

Link

- https://visvesvararao04.github.io/VisvesvaraRao_Portfolio/

SOFT SKILLS

- Good Communicator
- LEADER ship and responsibility
- Self Motivated