

Visvesvara Rao Vemparala

Software Developer

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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

● Chalapthi Institute of Engineering and technology College of Engineering	2021 - 2025
● Artificial intilligence and Machine Learning	CGPA : 7.49
● Intermediate	2019 - 2021
● Oxford VIT accadamy	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

SQL

- BASICS OF RDBMS CONCEPT LIKE DATA INTEGRITY CONSTRAINTS.
- PROFICIENT IN JOINS AND TYPES OF JOINS .
- GOOD UNDERSTANDING OF SQL STATEMENTS.
- DATA DEFINITION LANGUAGE(DDL).
- DATA MANIPULATUION LANGUAGE(DML).
- TRANSLATIONAL LANGUAGE CONTROL.
- GRIP ON SUBQUERIES,CORELATED SUBQUERIES.
- ABILITY TO PERFORM NORMALIZATION.

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.
- FAMILIAR WITH EVENTS AND BROWSER OBJECT MODEL (BOM).
- 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 :
 - Polymorphism -Abstraction
 - Inheritance -Encapsulation
- HANDLING EXCEPTIONS AND KNOWLEDGE ON CONSTRUCTORS.
- KNOWLEDGE ON METHOD OVERLOADING AND METHOD OVERRIDING.

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.

WORKSHOPS AND TRAINING

- 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

SOFT SKILLS

- Good Communicator
- LEADER ship and responsibility
- Self Motivated

Declaration

- I hereby declare that the information furnished above is true and correct to best my knowledge and belief.

Visvesvara Rao Vemparala