

# 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

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● Chalapthi Institute of Engineering and technology College of Engineering	2021 - 2025
Artificial intelligence 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

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#### 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

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#### 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 MANIPULATION 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 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 COURCE 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