

# Vemparla Visvesvara Rao

## Aspiring Cloud Engineer

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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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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

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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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#### 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.
- KNOWLEDGE ON SELECTORS , COMBINATORS AND PSEUDO-SELECTORS.
- ABILITY TO USE DISPLAY AND POSITION PROPERTIES.

#### 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
- :
- 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.

## **Extra Skills**

- Microsoft Azure
- Cloud Computing Fundamentals
- GitHub & GitLab
- Log Analysis

## **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 COURCE conducted by develop tress

## **Link**

- [https://visvesvararao04.github.io/VisvesvaraRao\\_Portfolio/](https://visvesvararao04.github.io/VisvesvaraRao_Portfolio/)

## **SOFT SKILLS**

- Good Communicator
- Strong Analytical & Problem-Solving Skills
- Team Collaboration
- Attention to Detail