

ABHINAV KUMAR

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EDUCATION

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology 2024
B Tech in Computer Science Engineering
GPA: 7.58

Kamaraj English Medium School 2020
Higher Secondary School (CBSE)
Percentage: 84 %

SKILLS

Languages	Javascript, Python, Java, HTML, Tailwind CSS,
Frameworks	React, Node.js, Django, Angular
Databases	MySQL, SQLite
Tools and Libs	Git, Flutter, Android Studio, TensorFlow, Keras, Pytorch
Soft Skills	Time Management, Teamwork, Communication, Problem Solving, Accountability

PROJECTS

Project 1: Sentiment Analysis of text data using Tensorflow through deep learning
Python, Tensorflow, Keras, Jupyter Notebook

- Created a deep learning model using TensorFlow and Keras to accomplish sentiment classification.
- Retrieved data from IMDB Movie Reviews Dataset to feed the model.
- Implemented TensorFlow, Keras library for model training.
- Utilized Jupyter Notebook and Python to analyze the results and increase accuracy by 8%.

Project 2: Daily blog webpage using flask
HTML5, Tailwind CSS, Python, SQLite , Flask

- Created a blog posting webpage to accomplish the project.
- Used the SQLite database for storing the blog data.
- Flask was used to put together all the components and create the web app.

Project 3: Smart car parking system using IoT

- Created an IoT-based sensor network to detect and monitor parking spot availability in real-time.
- Retrieved data from the sensor network to identify available parking spots and display the information on a mobile app or web interface.
- Implemented an automated gate system to allow or deny access to the parking spot based on the availability data received from the sensor network.
- Utilized the Arduino to optimize the parking process and increase parking capacity by up to 30

CERTIFICATION AND WORKSHOPS

- One day workshop on 'Agile methods and Projects management'.
- One day workshop on 'AWS services'.
- Certified UI/UX developer from Udemy.
- Certified blue prism associate developer from AICTE.