

# Sidharth Kumar

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## Summary

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Passionate Web Developer and Machine Learning Enthusiast Hands-on experience of more than 2 year in developing and deploying full-stack web applications and machine learning models Proven ability to solve complex problems and deliver high-quality solutions Seeking opportunities to leverage my skills in a dynamic and innovative environment.

## Projects

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### Tomato-Leaf Diseases Classification ([Link](#))

**Technologies Used:** MERN, Deep Learning

- Developed a web application using the MERN stack and deep learning to classify tomato leaf diseases.
- Integrated React packages and libraries with a CNN model for disease prediction.
- Utilized MongoDB for data storage and Cloudinary for image hosting.

### FoodoMania ([Link](#))

**Technologies Used:** MERN, Stripe

- Created Food Delivery website using MERN stack and integrated with Stripe for payment gateway various NPM packages.
- Deployed the application on Render, providing a seamless user experience and efficient performance and added Admin Panel.

### Brain Tumor Classification Using CNN ([Link](#))

**Technologies Used:** Python, TensorFlow, Keras, Flask

- Built a web application using Flask to classify brain tumors with a CNN model.
- Utilized TensorFlow and Keras for model training and testing, achieving accurate predictions within 10 epochs.
- Designed user-friendly web pages to enhance accessibility and usability.

## Achievements

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- Solved over 500 data structure and algorithm problems on LeetCode.
- Achieved a 4-star rating in Java and Python on HackerRank.
- Secured 1st place in a class-level hackathon on Kaggle.
- Participated in Flipkart Grid 4.0 – Software Development challenge Organized by Unstop.

## Skills

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**Languages:**

- C++, JAVA, JavaScript, Python, SQL, Flutter, Dart

**Web Development:**

- HTML5, CSS, ReactJS, NextJS, Tailwind CSS, ExpressJS, MERN stack

**Machine Learning:**

- Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, Deep Learning, NLP, Computer Vision

## Certifications

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- Programming Pathshala | Android Development In Flutter | May 2022 – July 2022
- Udemy | Cloud Computing on AWS | March 2023
- Coursera | Natural Language Processing | DeepLearning.AI | March 2023 – April 2023
- CipherSchools | Node Js | June 2023 – July 2023
- Coursera | DeepLearning.AI | Unsupervised, Recommenders, Reinforcement Learning | October 2023

## Education

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- Lovely Professional University | Bachelor of Technology in Computer Science and Engineering | 2020 - 2024
- Sri Chaitanya Jr Kalashala | TSBIE (Class XII) | 2020
- ST Joseph's Mission School | CBSE (Class X) | 2018