

Vinod Kumar

Highly motivated and detail-oriented full-stack web developer with experience in Python, JavaScript, and PHP. Proficient in developing scalable and efficient web applications with a strong focus on user experience.



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SKILLS

Programming Language:
Python, PHP, Javascript

Web Development
Frameworks: Wordpress,
Flask

Databases: Mysql,
SQLite3

Tools & Technologies:
Pandas, Textblob,
Matplotlib

Soft Skills : Teamwork,
Research, Adaptability

LANGUAGES

English
Native or Bilingual Proficiency

Kannada
Native or Bilingual Proficiency

Tamil
Full Professional Proficiency

Telugu
Full Professional Proficiency

INTERESTS

Reading

Travelling

Creative Writing

Photography

EDUCATION

MCA | Postgraduate | 2024

Dayananda Sagar College of Engineering

Courses

- Conducted research in blockchain and cybersecurity, consistently achieving an average of 7.0 CGPA across all semesters.

PROJECTS

Sentiment Analysis for Laptop Reviews | August 2024

- Built Flask web app integrating TextBlob and VADER for Amazon review analysis.
- Created interactive platform with Flask, SQLite3, TextBlob, and VADER.
- Increased accuracy by 25% and reduced data processing time by 30%.

Average Rainfall Prediction | October 2023

- Developed linear regression project predicting average rainfall from historical data.
- Employed sklearn, pandas, and matplotlib for machine learning, data manipulation, and visualization.
- Improved accuracy by 20% and reduced analysis time by 40%.

Sentiment Alaysis Using Tkinter | April 2022

- Created Tkinter-based sentiment analysis tool classifying text files as positive, negative, or neutral.
- Leveraged TextBlob and VADER for effective sentiment analysis.
- Increased accuracy by 35% and reduced analysis time by 25%.

Airport Announcement Generator | September 2021

- Designed and developed Python project generating bilingual flight announcement audio.
- Utilized gTTS, OpenPyXL, and PIL for text-to-speech, Excel automation, and image processing.
- Reduced generation time by 30% and increased productivity by 25%.

WORK EXPERIENCE

Full Stack Web Developer

CGS Software Solution

09/2022 - 12/2022

Bengaluru, India

Tasks

- Developed and optimized multiple web applications using JavaScript and PHP, resulting in a 40% reduction in latency and a 35% improvement in overall performance.
- Improved user experience and increased customer engagement by enhancing the UI/UX of Nandi Holidays and TechFather websites.
- Collaborated with cross-functional teams to identify and prioritize project requirements, resulting in a 30% increase in service bookings.

RELAVENT COURSEWORK

Flask Masterclass | March 2024

Advanced Excel | October 2021

ACHIEVEMENTS

Research Paper Publication | August 2024

Published research paper on 'Sentiment Analysis using NLP: A Comparative Study on TextBlob and VADER.'