

# VANAMA UDAY KIRAN

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## Professional Summary

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Enthusiastic Computer Science student with strong problem-solving skills, expertise in web development, and experience in machine learning, eager to develop scalable and efficient solutions in fast-paced environments. Seeking to apply my technical expertise and analytical skills to JPMorgan Chase's innovative financial technology solutions.

## Education

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### VNR Vignana Jyothi Institute of Engineering and Technology (VNR VJIET)

Bachelor of Technology in Computer Science, Expected Graduation: November 2024

GPA: 9.73

### Sri Chaitanya Junior College of Arts and Science

Senior Secondary Education, Graduated: November 2020

GPA: 981/1000

### VV Vidyalaya High School

Secondary Education, SSC, Graduated: June 2018

GPA: 10.0

## Skills

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- **Languages:** C, C++, Python, JavaScript, HTML, CSS
- **Frameworks:** Bootstrap 5, React, Node.js, Express.js, Flask
- **Databases:** MongoDB, SQL
- **Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

## Projects

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### Fake Account Detection in Social Media — *Python, Flask, Pandas, NumPy, Scikit-learn, Random Forest*

- Developed a fraud detection model using Random Forest, achieving high accuracy in detecting fake social media profiles.
- Applied data preprocessing and feature engineering to enhance model performance.
- Integrated Flask to deploy the model as a web-based API for real-time detection.

### Chrome Extension for Amazon Product Review Sentiment Analysis — *JavaScript, Python, Flask, BeautifulSoup, Scikit-learn, NLTK*

- Built a Chrome extension to scrape Amazon product reviews and perform sentiment analysis.
- Utilized web scraping and NLP techniques to analyze customer sentiment in real time.
- Deployed the model via Flask to provide API-based sentiment predictions.

### Counting Sort Visualizer — *Python, Matplotlib, Pygame, Tkinter*

- Designed an interactive visualization tool to demonstrate the Counting Sort algorithm.
- Implemented graphical representations to improve algorithm understanding.
- Utilized Pygame to create smooth animations of the sorting process.

## Blog Application — *JavaScript, React, Node.js, Express.js, MongoDB*

- Developed a full-stack blogging platform allowing users to create, edit, and manage blog posts.
- Implemented authentication, user roles, and a responsive UI for an enhanced user experience.
- Integrated MongoDB for efficient data storage and retrieval.

## Certifications

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- MERN Stack Development - MasterCoding
- Earned a Silver-rated certificate at Smart Interviews
- Be10X Certification in Prompt Engineering and AI Tools
- Completed a 2-month C Programming course with Globosoft BDPS, earning a notable 92% grade in the final exam.

## Achievements

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- Awarded Gold Medal in B.Tech 1st year for achieving the highest CGPA among all first-year students across all branches.
- Gold Medal in Mathematics Aptitude Test conducted by LEAD INDIA at the district level.
- Progressed to the Second level in Webathon at VNR VJIET.
- Advanced to the Second level in GDSC Hackathon at VNR VJIET.
- Participated in Smart India Hackathon at the National Level.
- Completed a 2-day workshop on Ethical Hacking.

## Experience

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### Volunteer, Krithomedh - The Technical Club of VNRVJIET

Hyderabad, India

March 2023 – Present

- Actively contributed to the technical club's events and workshops, assisting in organizing and managing various activities.
- **Mentored participants in Krithoathon**, a technical hackathon, by guiding them through problem-solving approaches and project development on the hackathon day.
- Supported students in learning programming, machine learning, and web development through club initiatives.

### Volunteer, Art Of Living Club

Hyderabad, India

March 2022 – Present

- Participated in activities promoting well-being and community support.

## Personal Information

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- **Date of Birth:** April 11, 2005
- **Address:** Kalpatharu road, Sathupally, Khamman, Telangana, India
- **Languages Known:** English, Telugu