

V.N.JANARDHAN.K

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OBJECTIVE

Seeking a dynamic position to contribute my expertise in creating innovative solutions and making valuable contributions to projects that positively impact the industry.

EDUCATION

Master of Science, Computer Science

University of Maryland, Baltimore County

2024-present

Bachelor of Technology, Information technology

Prasad V Potluri Siddhartha Institute of Technology

2020-2024

Gpa: 8.92/10

TECH SKILLS

Programming: Python, Java, Javascript, C/C++

Web Technologies: HTML, CSS, Java-script, RESTful APIs

Databases: MySQL, MongoDB

Soft Skills: Team Player, Bias for action, Deliver results

INTERSHIPS

SDOTJ Hospitality-[link](#)

Full Stack Developer Intern

- Designed user-friendly interfaces with HTML, CSS, and JavaScript frameworks.
- Orchestrated a comprehensive data indexing strategy across MySQL databases, optimizing query performance by 50% and reducing data retrieval time by 30%.
- Performed exploratory data visualizations and modelling with both SQL and NoSQL databases, facilitating deeper insights into large datasets.

Code Clause-[link](#)

Python Development Intern

- Developed a user-friendly calculator application, showcasing strong problem-solving and attention to detail.
- Designed and implemented a music player, demonstrating proficiency in Python libraries and frameworks.

PROJECTS

Plant leaf disease detection using machine learning (Skills: Python, Html, CSS, Machine Learning Algorithms)-[Github](#)

- Implemented a deep learning framework for plant disease detection using transfer learning with VGG-16 and ResNet-34 models in PyTorch, achieving a 90.24% accuracy on a diverse dataset of 14 plant species and 38 disease categories.

Product recommendation system (Skills: Python, Flask, Html, CSS, JavaScript, *Machine Learning Algorithms*)-[Github](#)

- Implemented collaborative and content-based filtering strategies, resulting in highly personalized product suggestions based on user's interest and purchase history.

Job Based Openings Website (Skills: Html, CSS, JavaScript, Json)-[Github](#)

- Created an intuitive user interface with search filters and dynamic job listing display. Utilized JSON for storing and retrieving job data which is stored in the Json file.

CERTIFICATIONS

Python Certification-[Coursera](#)

Database Management System-[Nptel](#)

Git/Github-[Meta](#)

Frontend Development-[Meta](#)

Machine-learning Foundations-[Aws](#)

JavaScript-[Meta](#)

Cloud Foundations-[Aws](#)

PUBLICATIONS

- Published research paper on Plant leaf disease detection using various Machine Learning techniques.
- Published research paper on [Human Activity Recognition](#) using smartphone data and various Machine Learning techniques.

ADDITIONAL INFORMATION

- Languages: English, Telugu Interests: Reading, Cricket
- Volunteering: Volunteer at National service scheme (NSS) and Rotaract club
- Participated in GES-2023 held at IIT-KHARAGPUR