VENKATA NAVA CHARAN GRANDHI

Software Engineer| AIML Engineer

Passionate Software Engineer with a focus on AI/ML. Proven ability to develop image-based disease detection systems using CNNs and apply NLP for sentiment analysis. Eager to leverage skills in Python, deep learning, and related technologies to contribute to impactful AI/ML solutions.

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EDUCATION

B. Tech
Kalasalingam Academy of Research and Education

08/2020 - 05/2024

Courses
- Computer Science and Engineering-
  8.1 CGPA

Intermediate
Vignana Bharathi Junior College

06/2018 - 05/2020

Courses
- MPC-8.2 CGPA

PROJECTS

Paddy Crop Disease Detection Using Svm and Cnn (01/2024 - 05/2024)
- Developed a system for automated paddy crop disease detection using Support Vector Machines (SVM) and Convolutional Neural Networks (CNN). The system analyzes images of paddy leaves to identify diseases such as blast, brown spot, and leaf smut, enabling early intervention and improved crop yields.

Pneumonia Detection Using Chest X-ray (01/2023 - 05/2023)
- Developed an advanced deep learning model with CNNs to precisely identify pneumonia from chest X- ray pictures, allowing for prompt diagnosis. Used thorough augmentation and preprocessing methods to improve model generalization and maximize efficiency.

Restaurant Review (01/2022 - 05/2022)
- Developed a restaurant review system leveraging Natural Language Processing (NLP) techniques to analyze and classify customer sentiments, enhancing decision-making for diners. Employed advanced text processing algorithms to extract insights from reviews, optimizing user experience and satisfaction.

WORK EXPERIENCE

Software Engineer Trainee
Lyros Technologies Private Limited

02/2025 - Present   *Hyderabad*

Professional Experience
- Participating in a structured training program focused on Artificial Intelligence and Machine Learning (AI/ML).
- Developing expertise in key AI/ML skills and technologies, including Python, scikit-learn, deep learning.
- Engaging in hands-on projects to apply theoretical AI/ML knowledge in real-world scenarios, such as Student Grading System project.
- Collaborating with industry professionals and mentors to enhance technical and professional competencies in the field of AI/ML.

SKILLS

Java   Python   Artificial Intelligence

Machine Learning   Deep Learning

Html   Sql

CERTIFICATION

PROCESS MINING VIRTUAL INTERNSHIP
(07/2022 - 09/2022)

JAVA FULL SATCK DEVELOPMENT
(05/2024 - 12/2024)

AI-900: MICROSOFT AZURE AI FUNDAMENTALS

LANGUAGES

Telugu
Native or Bilingual Proficiency

English
Professional Working Proficiency

Hindi
Limited Working Proficiency

Tamil
Limited Working Proficiency

INTERESTS

AIML Techniques   web development

solving issues   collaboration