

# N S MANIKANTA R

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<b>CAREER OBJECTIVE</b>		<b>EDUCATION</b>	
Versatile student specializing in Full Stack Development and AI. Aiming to secure a role as a Software Engineer to leverage my skills in building robust web applications while implementing AI-driven features that optimize performance and deliver intelligent solutions.		<b>B.E.(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)</b>	Oct-2025
		G M Inst of Tech, Davangere	8.50 CGPA10
		Visvesvaraya Technological University, Karnataka	
		Nice	
		<b>CLASS 12 / INTER (COMPUTER SCIENCE)</b>	Jul-2021
		Sri Siddaganga PU Science, Davangere	88 %
		KSPUC - Karnataka Board of the Pre-University Education, Karnataka	
		<i>During my 12th standard studies, I achieved an overall percentage of 88%, reflecting a consistent commitment to academic excellence.</i>	
<b>AREAS OF INTEREST</b>		<b>CLASS 10 / METRIC (SCIENCE,MATHS)</b>	Apr-2019
Full Stack Development		S V S High School, Davangere	90.72 %
AI Engineering		KSEEB - Karnataka Secondary Education Examination Board, Karnataka	
		<i>During my 10th standard studies, I achieved an impressive overall percentage of 90.72%, demonstrating a strong commitment to academic excellence.</i>	
<b>BASIC INFORMATION</b>		<b>SKILLS</b>	Proficiency
Gender	Male	Java	8 of 10
Date of Birth	21/03/2004	Python	8 of 10
Place Of Birth	Shrungavruksham	Web Development	8 of 10
Current Location	Davangere	Team Leader	9 of 10
Marital Status	Single		
Passport Status	Yes		
<b>LANGUAGES</b>		<b>PERSONAL STRENGTHS</b>	
Telugu	Native	Communication Skills	Strong communication skills: clarity, adaptability, empathy, and active listening.
English	Excellent	Inter-Personal Skills	Strong interpersonal skills: teamwork, leadership, conflict resolution, and emotional intelligence.
Hindi	Fluent	Personal Effectiveness	Strong personal effectiveness: time management, goal setting, adaptability, and resilience.
Kannada	Excellent	Presentation Skills	Effective presentation skills: clarity, engagement, confidence, and visual storytelling.
		Problem Solving & Analytical	Strong problem-solving skills: critical thinking, creativity, analysis, and resourcefulness.
		Strategic Thinking	Strategic thinking skills: foresight, planning, analysis, and decision-making ability.

Team Player	Team player skills: collaboration, communication, support, and conflict resolution.
Time Management	Strong time management skills: prioritization, organization, efficiency, and deadline adherence.
Leadership Qualities	Leadership qualities: vision, inspiration, decisiveness, empathy, and team empowerment.

### INTERESTS AND HOBBIES

- I enjoy reading, traveling, fitness, cooking, and photography, which enhance my creativity.

### ACHIEVEMENTS

Academic	• 1st Place out of 700 in College level Quiz Competition.
Cultural	• 1st place in MAD ADDS.
Sports	• 2nd place in District Level Chess Competition • 2nd place in University level Football league.

### CERTIFICATIONS

Valid Until

- 1) Python (Basic) certification issued by HackerRank, issued on 19/07/2023 with Certification No.N/A
- 2) Introduction to Mongo DB certification issued by Mongo DB INC, issued on 28/08/2024 with Certification No.N/A
- 3) Introduction to Android App Development certification issued by NPTEL, issued on 07/07/2023 with Certification No.N/A
- 4) Introduction to Data Analytics using Python certification issued by Scaler Master Class, issued on 27/10/2023 with Certification No.N/A
- 5) Hands on Internship on Machine Learning certification issued by Karunadu Technologies, issued on 22/11/2023 with Certification No.N/A

### TRAININGS

Duration

- 1) Hands on Internship on Machine learning at Karunadu Technologies Private Limited  
*I gained practical experience in key areas and it enhanced my technical skills in Machine learning.* 1 month(s)  
Oct-2023 and Nov-2023

### PROJECTS & INTERNSHIPS

- 1) Hepatitis Disease Predictor

Project Type: Internship

Duration: 25-Oct-2023 to 23-Nov-2023

Team Size: 1

Description: The Hepatitis Predictor is an innovative machine learning application designed to assist healthcare professionals in the early detection and prediction of hepatitis. By analyzing patient data and relevant medical indicators, the system aims to identify individuals at risk of developing hepatitis, thereby enabling timely intervention and treatment. The project has three key objectives: early detection of potential hepatitis cases, providing a risk score to prioritize high-risk individuals for further testing, and creating an intuitive interface for healthcare professionals to input patient data and receive predictions seamlessly.

Tools and Technologies: The Hepatitis Predictor project utilizes Support Vector Machine (SVM) and Django .

My Role: As team lead and developer for the Hepatitis Predictor project.

Highlights: The Hepatitis Predictor project has been recognized by Karunadu Technologies, a testament to its innovative approach to early hepatitis detection using advanced machine learning techniques. Leveraging Support Vector Machine (SVM) and Django, the project provides a reliable predictive model and user-friendly web application for healthcare professionals. This recognition underscores the project's potential impact on improving patient outcomes through timely interventions.

## 2) Inventory Management System

Project Type: Academic

Duration: 02-Sep-2023 to 30-Oct-2023

Team Size: 3

Description: The Inventory Management System is a robust web application designed to streamline inventory control and management for businesses of all sizes. This system is developed using PHP for server-side scripting, enabling dynamic content generation and efficient data handling. The front-end interface is crafted with HTML, CSS, and JavaScript, providing users with an intuitive and responsive experience across various devices.

The application features a comprehensive dashboard that allows users to easily manage inventory items, including adding new products, updating existing stock levels, and removing discontinued items. It incorporates real-time inventory tracking, ensuring that businesses can monitor stock levels accurately and make informed decisions to prevent overstocking or stockouts.

Data is securely stored and managed using a MySQL database, which facilitates efficient data retrieval and manipulation.

Tools and Technologies: HTML, CSS, JAVA SCRIPT, PHP, MYSQL

My Role: Team Leader and Developer.

Highlights: The Inventory Management System project has been recognized by the Head of Department and faculty members for its innovative approach and practical implementation. This acknowledgment highlights the project's technical excellence and its potential real-world applications, showcasing the team's dedication to creating impactful solutions for effective inventory management in businesses.

## 3) Hand Written Digit Recognition

Project Type: Academic

Duration: 03-May-2024 to 28-Jun-2024

Team Size: 4

Description: The Handwritten Digit Recognition project utilizes Convolutional Neural Networks (CNN) to accurately identify and classify handwritten digits from 0 to 9. This system leverages deep learning techniques to train a CNN model on a comprehensive dataset, such as the MNIST dataset, which contains thousands of labeled handwritten digit images. The CNN architecture is designed to effectively extract features from the input images, enabling high accuracy in digit recognition.

To provide a user-friendly interface, the project employs Tkinter, a Python library for creating graphical user interfaces (GUIs). Users can draw digits on a canvas, and the application will preprocess the input image to match the format required by the trained CNN model. Upon submission, the model predicts the digit and displays the result in real-time, allowing users to interactively test the recognition capabilities.

Tools and Technologies: Python, Convolutional Neural Networks (CNN), Tkinter, NumPy, Keras.

My Role: Team Lead

Highlights: The Handwritten Digit Recognition project has received recognition from the Head of Department (HOD) and faculty members for its innovative use of Convolutional Neural Networks (CNN) and user-friendly interface developed with Tkinter. This acknowledgment highlights the project's technical excellence and its practical application in the field of machine learning and computer vision.

## 4) Classification Of Different Types Of Skin Diseases

Project Type: Internship

Duration: 02-Mar-2024 to 29-Apr-2024

Team Size: 1

Description: The Classification of Different Types of Skin Diseases project aims to develop an automated system for accurately identifying and categorizing various skin conditions using Convolutional Neural Networks (CNN). Leveraging the power of deep learning, this project utilizes a comprehensive dataset containing thousands of dermatoscopic images representing multiple skin diseases, such as melanoma, psoriasis, eczema, and more. The CNN architecture is designed to automatically extract features from these images, enabling the model to learn complex patterns and make precise classifications.

The project involves preprocessing the image data to enhance quality and ensure consistency, which includes normalization, resizing, and data augmentation techniques to address class imbalances. The CNN model is trained and validated on this dataset, achieving high accuracy rates in recognizing and classifying

skin diseases.

Tools and Technologies: Python, Convolutional Neural Networks (CNN), Keras, TensorFlow.

My Role: Team lead and developer.

Highlights: The Skin Disease Classification project using CNN has been recognized by the HOD and faculty for its innovative approach and potential to revolutionize dermatology. The team's expertise in deep learning and its practical applications has been commended, highlighting the project's significance in improving skin disease diagnosis and patient outcomes.

#### 5) Financial News Web Scrapping

Project Type: Academic

Duration: 30-Apr-2024 to 10-May-2024

Team Size: 4

Description: The Financial News Web Scrapping project aims to automate the extraction of relevant financial news articles from various online sources, providing users with timely and consolidated information on market trends, stock updates, and economic developments. Utilizing Python, this project employs web scraping techniques to gather data from financial news websites, such as Bloomberg, Reuters, and Yahoo Finance.

The project leverages libraries such as **Beautiful Soup** and **Requests** to navigate HTML structures and extract pertinent information, including article titles, publication dates, summaries, and links. Additionally, **Pandas** is used to organize and store the scraped data in a structured format, facilitating easy analysis and visualization.

To enhance user experience, the system can be designed to filter news based on specific keywords or topics, allowing users to focus on areas of interest.

Tools and Technologies: Python, BeautifulSoup, Requests, Pandas

My Role: Team Lead and Developer

Highlights: The Financial News Web Scrapping project has been recognized by the HOD and faculty for its innovative approach to automating financial data collection. This acknowledgment highlights the project's effectiveness in providing timely information, showcasing the team's technical proficiency and dedication to supporting informed decision-making in the financial sector.

REFERENCES (contact details will be provided on request)

1) Asha k, HOD

#### DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.

Place :

Date :

(N S Manikanta R)