

# K HARSHAVARDHAN REDDY

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## EDUCATION

**B.Tech- Computer Science [Data Science Specialization]** - BVRIT , **CGPA - 9.21** Nov 2022 - Present  
Narayana Junior College Percentage - 98%

## SKILLS

<b>Technical Skills</b>	JavaScript, HTML, CSS, Cloud Foundations (GCP), Java, Python
<b>Tools/Libraries/Databases</b>	React.js, Redux, Node.js, Express, MongoDB, Scikit-learn, MySQL
<b>Runtime/Frameworks</b>	Git, GitHub
<b>Soft Skills</b>	Analytical Skills, Teamwork, Communication Skills
<b>Coursework</b>	Machine Learning, Operating Systems, Computer Networks, Database

## PROJECTS

**Text-to-Image Generation Website** Jan-Feb 2025

- Engineered a full-stack AI image generation web application using MERN stack, achieving **100% responsive** design.
- Implemented secure user authentication, integrated **ClipDrop API** for real-time image processing, and designed **RESTful API architecture** supporting concurrent user requests.
- Utilized MongoDB for efficient data management and React.js for dynamic UI components. ([GitHub](#))

**React-Based Post Management** Nov 2024

- Designed a React application with routing to manage posts. Implemented functionality to add and view posts on the home screen.
- Integrated DummyJSON API to fetch and display data dynamically. ([GitHub](#))

**Heart Failure Prediction** [\[Launch\]](#) May-Jun 2024

- Crafted a Heart Failure Prediction model using Machine Learning algorithms and deployed it into a user-friendly application using Streamlit.
- Achieved **95% accuracy** using **Random Forest**, enabling early detection and improved patient outcomes. ([GitHub](#))

## EXPERIENCE

**AI-ML Virtual Internship (AICTE - Certified)** Sep-Nov 2023

- Gained hands-on experience in artificial intelligence and machine learning concepts.
- Enhanced skills in data preprocessing, feature engineering, model evaluation, and deployment. ([Link](#))

## CERTIFICATIONS

[AI-ML Virtual Internship \(AICTE\)](#)  
[The Joy of Computing with Python](#)  
[Programming in Java](#)  
[Problem Solving Through Programming in C](#)  
[Soft Skills](#) ([Link](#))

## ACADEMIC ACHIEVEMENTS

Runner-up in Code Breakers [Promethean Event-2022]  
Participation in BVRIT-MUN (DISEC) [Model United Nations]

## EXTRA-CURRICULAR

Organizer of English Readers Club, BVRIT 2023-2024  
IEEE- Department Coordinator, BVRIT 2025-present