

MANDADI VISHWAK SENA REDDY

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EDUCATION

Birla Institute of Technology, Mesra <i>B.Tech in Information Technology - CGPA - 8.3(present)</i>	April 2021 – May 2025 <i>Ranchi, India</i>
Narayana Junior College <i>Intermediate - MPC - Percentage - 96%</i>	February 2019 – March 2021 <i>Hyderabad, India</i>
Sri Chaitanya Techno School <i>10th Class - CGPA - 10.00</i>	March 2018 – February 2019 <i>Hyderabad, India</i>

TECHNICAL SKILLS

- **Course Work/Skills:** Data Structures & Algorithms, DBMS, Natural Language Processing, Project Management, Operating Systems, Artificial Intelligence, Machine Learning, OOPS, Computer Organization and Architecture
- **Languages:** Python, Java, C, C++, JavaScript, SQL, Perl
- **Developer Tools:** VS Code, Code Sandbox, Google Colab
- **Technologies/Frameworks:** Linux, GitHub, ReactJS, NextJS, NodeJS, ExpressJS, MongoDB

PROJECTS

Vaidhya4U | Python, ML, NLP, SpaCy, ScikitLearn, tkinter **November 2023**

- This groundbreaking **NLP-based medical** app diagnoses diseases from user symptoms, transforming healthcare delivery.
- This project leverages **SpellChecker** for spelling error correction and **Sklearn** for model selection and classification report generation, optimizing accuracy and efficiency.
- This project employs **Text Classification** to categorize text and determine the specialization category of diseases, streamlining diagnosis and treatment pathways.
- This project features a user-friendly UI built with **tkinter**, enabling symptom input for disease categorization and appointment scheduling in just a few clicks.
- [Project files and details here](#)

Code World | HTML, CSS, JavaScript, Next.js, TypeScript **January 2024**

- This robust **coding platform** serves as a comprehensive resource for individuals of all levels, providing an extensive range of problems for **skill development and proficiency enhancement**.
- Implemented **Firestore** for seamless authentication, streamlining user onboarding process; reduced login errors by 40% and **improved overall user experience**.
- This groundbreaking project leverages the advantages of a **serverless stack, eliminating the need for constant maintenance and deployment**. By harnessing the power of serverless architecture, the project dynamically scales to accommodate fluctuating user traffic, **optimizing cost efficiency** based on demand.
- This project's key advantage lies in its utilization of a **serverless backend and database, optimizing scalability and minimizing operational overhead**.
- [Project files and details here](#)

CERTIFICATIONS

- Machine Learning - Coursera certificate
- Python course - kaggle
- Flipkart Grid Participation

ACHIEVEMENTS

- Institute ranks **18th** out of 1000+ students on GeeksforGeeks with a **coding score of 1085**.
- Practiced **over 600+ DSA problems** in three popular coding platforms