LOLUGU VASUDEVA PRABHATH

🌐 portfolio

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY, MANDI   Mandi, Himachal Pradesh
Master of Technology in Research (M-Tech(R))   2024-2026
         Indian Knowledge Systems(IKS)

SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY   Longowal, Punjab
Bachelor of Engineering (BE)   2020-2024
         Computer Science and Engineering
         Cumulative GPA: 8/10;
         Coursework: Data Base Management System, Object Oriented Programming, Data Structures and Algorithms.

SKILLS SUMMARY

- **Languages**:   JAVA, PYTHON, JAVASCRIPT, SQL
- **Frontend**:   HTML, CSS
- **Framework**:   SPRING, SPRING BOOT, NODE JS, REACT JS, FLASK
- **Tools**:   GIT, GitHub, Visual Studio Code
- **Soft Skills**:   Strong communication, Adept problem-solving, Teamwork and Collaboration, Effective time management
- **Other**:   Fluent in English, Telugu; Conversational Proficiency in Hindi

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WORK EXPERIENCE

Web Application For Smart Complaint Tracking using IOT and AI: LINK   **VISAKHAPATNAM**
     RASHTRIYA ISPAT NIGAM LIMITED (RINL)   **JUNE 2023 – JULY 2023**

- ○ Crafted a web application for complaint tracking.
- ○ This innovative solution streamlines complaint submission, tracking, and resolution.
- ○ My adept development skills have resulted in an efficient, impactful tool for optimized complaint management system.

Java Full Stack Developer(Trainee):   **HYDERABAD**
     JSPIDERS JNTU HYDERABAD   **JULY 2024-**
Present

- o Gained in-depth knowledge of core Java concepts, object-oriented programming, data structures, and algorithms.
- o Demonstrated ability to integrate front-end technologies like HTML, CSS, JavaScript, and frameworks with backend and SQL.
- o Hands on experience in using Java Spring Boot for developing robust and scalable server-side applications.

PROJECTS(UNIVERSITY)

AUTOMATIC ENGLISH HANDWRITTEN TEXT RECOGNITION SYSTEM: LINK

- ○ Spearheaded the development of an advanced system using cutting-edge deep learning algorithms, achieving a recognition accuracy of over 90% in converting handwritten English text into digital format.
- ○ Implemented preprocessing techniques that resulted in a 20% enhancement in the accuracy and reliability of the recognition system, ensuring superior quality output.

FRAUDULENT JOB RECRUITMENT DETECTION USING MACHINE LEARNING: LINK

- ○ The approach I used to identify the fake hiring ads and fraud job notifications across the internet uses various machine learning and NLP based approaches to identify the fake job from the description of the job text and to counter the measures from the model.
- ○ I used supervised machine learning to make use of the several features that I extracted from the text for fake job detection using the data set extracted from Kaggle containing more than 18k job descriptions which shows the model to be more precise.

CERTIFICATIONS

Career Essentials in Generative AI by Microsoft and LinkedIn: LINK

- o Gained hands-on experience in understanding and applying key principles of generative AI, including language models and image synthesis, enhancing capability to integrate AI-driven solutions.

Career Essentials in GitHub Professional Certificate: LINK

- o Acquired comprehensive skills in GitHub workflows, including repository management, branching, merging, and collaboration on open-source and team-based projects.

Generative AI Productivity Skills with Microsoft Professional Certificate: LINK

- o Acquired in-depth understanding of generative AI, enhancing expertise in leveraging generative AI tools for increased productivity and innovation. Acquired practical skills in applying AI-driven solutions to real-world business challenges.

TECHNICAL PROFICIENCY

- ○ Achieved a top-tier 5⭐ rating in Java and 4⭐ rating in Python Programming on **Hacker Rank**, also attained a commendable CodeChef rating showcasing strong programming skills and understanding of Programming concepts.
- ○ Mastered fundamental Java syntax, proficiently utilizing control flow, loops, functions, and data structures.

- Attained a 4 week training for python in Narayana Technologies which helped me to develop knowledge in machine learning.