Ayinala Koteswararao

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PROFESSIONAL SUMMARY

A passionate and focused B.Tech student in Artificial Intelligence and Machine Learning with practical experience in building websites, AI chatbots, and smart applications. Skilled at working on real projects through internships and college work. Enjoys solving problems, working in teams, and learning new technologies. Looking for exciting opportunities to grow and make a difference in the tech world.

EDUCATION

Degree	Institute	Year	Score
B.Tech (AI & ML)	Usha Rama College of Engineering	2021-2025	8.28 CGPA
Intermediate	Narayana Junior College	2019-2021	8.95 CGPA
SSC	Narayana E-Techno School	2019	9.5 CGPA

EXPERIENCE

- **INTERNSHIP AT INFOSYS SPRINGBOARD**   *Dec 2024 - Feb 2025*
  - Completed a 2-month internship at Infosys Springboard, successfully working on a project related to industry applications. Developed MediTrainAI, a healthcare chatbot using a Hugging Face model.
  - Gained practical experience in deploying machine learning models in a web environment and collaborating with mentors to improve chatbot performance and accuracy.

- **RED HAT ACADEMY STUDENT AMBASSADOR**   *Usha Rama College of Engineering and Technology, India | 2024-25*
  - Led awareness initiatives to promote open-source and Red Hat technologies on campus.
  - Assisted in setting up Red Hat learning infrastructure and guiding peers in using Red Hat Academy resources effectively.
  - Acted as a liaison between Red Hat and the student community, providing feedback and encouraging participation in open-source projects.
  - Recognized among the Top 5 at the national level by GIFT for outstanding contributions, showcasing exceptional commitment to open-source community engagement.

- **AI-ML VIRTUAL INTERN**   *EduSkills Foundation, AICTE | July 2022 – Sept 2022*
  - Completed a 10-week internship focused on Artificial Intelligence and Machine Learning in collaboration with AWS Academy.
  - Designed and implemented machine learning models using Python, focusing on tasks like classification and regression with real-world datasets.
  - Gained experience in building and testing machine learning models for real-world use cases.
  - Collaborated with teams to integrate AI solutions into software systems, improving functionality and decision-making.

TECHNICAL SKILLS

- **Languages:** Python, HTML & CSS, JavaScript , Front-End Design , Java , Php
- **Libraries:** Python Libraries - TensorFlow, Scikit-learn, AI, Machine Learning, PyTorch
- **Frameworks:** Flask, ReactJS
- **Databases:** MySQL, MongoDB
- **Tools:** VS Code, GitHub
- **Soft Skills:** Leadership, Problem-Solving, Communication Skills
- **Others:** PhotoShop,Canva

CERTIFICATIONS

- **NPTEL:** Course – *Introduction to Industry 4.0 and Industrial Internet of Things* — **May 2023**
- **IBM:** Certificate – *NoSQL, Big Data and Spark Fundamentals* — **April 2024**
- **Infosys Springboard:** Global Certificate – *Applied Generative AI* — **May 2024**
- **MongoDB:** Certificate – *Introduction to MongoDB for Students* — **June 2024**
- **Infosys Springboard:** Certificate – *Introduction to Natural Language Processing* — **August 2024**
- **Infosys Springboard:** Certificate – *Generative Pre-trained Transformer 3 (GPT-3) for Developers* — **August 2024**
- **RedHat:** Course – *Red Hat System Administration I (RH124)* — **November 2024**
- **Simplilearn:** Certificate – *PHP Development* — **Feb 2025**

PROJECTS

- **CAMPUSBITES: WEB APPLICATION FOR FOOD ORDERING**   *Usha Rama College of Engr & Tech, 2024–2025*
    - Designed and deployed a secure food ordering platform with categorized menus, vendor management, and responsive UI.
    - Implemented token-based authentication and real-time order tracking using ReactJS and Firebase.
- **WATER POTABILITY PREDICTION WEB APP**   *Usha Rama College of Engr & Tech, 2024*
    - Developed an intuitive interface to predict the potability of water based on quality metrics.
    - Utilized ensemble learning techniques like Random Forest and Voting Classifiers for accurate predictions.
- **MEDITRAINAI: HEALTHCARE CHATBOT**   *Infosys Springboard Project, Dec 2024 – Feb 2025*
    - Created an AI-powered chatbot using Hugging Face Transformers to simulate medical query responses.
    - Enhanced chatbot with NLP capabilities for better interaction and medical training support.
- **FOOD RECOMMENDATION SYSTEM**   *April 2025*
    - Built a recommendation engine using content-based filtering to suggest personalized food choices.
    - Implemented with Python and machine learning to dynamically adjust to user preferences.
- **INVOICE PRINTER APPLICATION**   *May 2025*
    - Developed a lightweight application to generate printable invoices with dynamic item entry and total calculations.
    - Integrated PDF generation and basic database storage for invoice records.
- **WEATHER PREDICTION SYSTEM**   *June 2025*
    - Designed a weather forecasting model using historical climate data and supervised learning algorithms.
    - Created a simple GUI to input location and display real-time predictions and temperature trends.

POSITIONS OF RESPONSIBILITY

- **STUDENT AMBASSADOR & INTERNSHIP COORDINATOR**   *Red Hat | Usha Rama College of Engineering*

    - Conducted workshops on Red Hat technologies, promoted open-source adoption among 100+ students, managed internship programs, and coordinated events to enhance industry exposure.

ACHIEVEMENTS

- **Hackathon Winner** — 1st Prize at August Hackathon by HackerTribe and Make Skilled
- **Code Royal & Rapid Coders Winner** — Secured 3rd Prize twice in Tech Competitions at Usha Rama College of Engineering.

WORKSHOPS

- **AWS Cloud Computing Workshop** — Participated in a 3-day workshop organized by Brinovision, focused on cloud fundamentals, deployment models, and hands-on AWS services.
- **NVIDIA & AI Deep Learning Workshop** — Attended a 2-day hands-on workshop conducted by NVIDIA, covering GPU computing and applications of AI in various domains.

DECLARATION

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