Rama krishna Vempadapu

software Engineer

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Education

B.Tech(AIML), *Sri Vasavi Engineering college(8.3 CGPA)*   08/2023 – 04/2026
A specialized program focused on core principles of computer science with a strong   Tadepalligudem, india
emphasis on AI and ML. The curriculum includes subjects like data structures,
algorithms, deep learning, natural language processing, computer vision, data
analytics, Gained hands-on experience through projects

DIPLOMA(EEE), *sri mullapudi venkataraya memorial college ,WITH 82%*   09/2020 – 05/2023
Comprehensive three-year program covering the fundamentals of electrical circuits,   Tanuku, India
machines, power systems, control systems, and electronics.

Internships

JAVA FULL STACK Development Intern, *(learnsquare)*   06/2025 – 07/2025
- Worked on end-to-end web application development using **Java**, **Spring Boot**, **Hibernate**, **MySQL**, **HTML**, **CSS**, **JavaScript**, and **React.js**.
- integrating front-end interfaces with back-end services, and deploying applications using tools like **Git**, **Postman**, and **Maven**.
- Gained hands-on experience in building RESTful APIs

AI-ML-DS Intern, *(BlackBucks)*   05/2024 – 07/2024
- Gained practical experience in building and deploying machine learning models using **Python**, **NumPy**, **Pandas**, **Scikit-learn**, and **TensorFlow**
- **data preprocessing**, **feature engineering**, **model training**, and **performance evaluation** using metrics like accuracy, precision, and recall.
- Developed projects involving **predictive analytics**, **classification Matplotlib**, and **Seaborn** for data visualization

Projects

IPL WINNER PREDICTION, *USING MACHINE LEARNING*   05/2024 – 08/2024
- Developed a predictive model to forecast **IPL match winners** using historical match data. Performed **data collection**, **data cleaning**, and **feature engineering** with **Pandas** and **NumPy**
- Built and evaluated models using **Logistic Regression**, **Random Forest**, **Scikit-learn**Conducted **exploratory data analysis (EDA)** and visualized using **Matplotlib** and **Seaborn**

EMOTION BASED MUSIC PLAYER, *JAVA FULL STACK*   06/2025 – 07/2025
- The **Emotion-Based Music Player** is an intelligent full-stack web application that detects a user's emotional state using facial recognition or mood selection, and plays music tailored to that emotion.
- It combines machine learning with full-stack Java technologies to deliver a personalized music experience.

Skills

programming languages: java,python,sql
— Competent

scripiting laguages:Html,Css,Javascript
— Competent

Tools:Vs code,Github,Ecllipse — Competent

Certificates

POWER BI
Skills Gained: Data visualization, dashboard creation, DAX functions

UI/UX DESIGNER
Skills Gained: Wireframing, Prototyping (Figma/XD), User Research, Design Thinking

PYTHON FULL STACK
Skills Gained: Cloud concepts, EC2, S3, IAM, basic deployment and security

Languages

- TELUGU
- ENGLISH
- HINDI