# Jashwanth Boddupally

Fresher

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## SUMMARY

Innovative AI and ML professional with a strong technical foundation in developing and deploying machine learning models. Experienced in using Python, TensorFlow, Keras, and advanced data analytics to extract insights and drive strategic decision-making.

Proven track record in problem-solving, algorithm development, and leveraging deep learning techniques for real-world applications.

Adopt at collaborating in fast-paced environments and continuously optimizing systems for enhanced performance. efficiency.

## EXPERIENCE

**SmartInternz**                                                                                     bangalore, India
Student - Working on Mini and Major Projects Bangalore
- Developed and implemented mini and major projects using Artificial Intelligence and Machine Learning techniques.
- Showcased proficiency in model development, data analysis, and algorithm implementation.

## EDUCATION

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|---|---|---|
| **High School** | DON BOSCO HIGH SCHOOL (GPA: GPA: 8.5) | Mar - 2019 |
| **Intermediate** | VIDWAN JUNIOR COLLEGE (GPA: Percentage: 60) | Jun '19 - Mar '21 |
| **Bachelor's Degree** | Vaagdevi Engineering College (GPA: Percentage: 7.2) | Jul '21 — oct '25 |

## PROJECTS

**RailWay Sentry**
- The Railway Sentry Project is a safety and security initiative designed to monitor railway infrastructure using advanced technologies. It leverages sensors, AI, and real-time communication systems to detect anomalies, potential hazards, or unauthorized activities along tracks and stations. This early detection helps to prevent accidents, streamline maintenance, and enhance overall operational efficiency in railway networks.

**Fetal AI**
- Developed an AI-powered fetal health prediction system utilizing advanced machine learning algorithms to analyze prenatal data.
- This system facilitated early identification of potential fetal health issues, empowering healthcare professionals with timely interventions to enhance prenatal care and optimize outcomes.

**Vision AI**
- Vision AI Specialist with a robust background in designing and implementing computer vision and deep learning solutions. Skilled in advanced image processing, object detection, and segmentation techniques, I leverage industry-standard tools like OpenCV, TensorFlow, and PyTorch to develop innovative applications. Adept at deploying scalable vision-based systems on cloud platforms, analyzing complex datasets, and extracting actionable insights, I thrive in fast-paced technical environments and excel in collaborative, cross-functional projects.

**Diamond Price Prediction**
- Developed a diamond price prediction model using machine learning techniques to forecast pricing based on features such as carat, cut, color, and clarity. Utilized Python, Pandas, Scikit-learn, and data visualization tools for data preprocessing, exploratory analysis, and model validation. Implemented and optimized multiple regression algorithms to improve prediction accuracy, ultimately enhancing pricing strategies and decision-making processes.

**SOFTWARE SALARY PREDICTION**
- Developed an AI and ML-powered system to predict software engineering salaries.
- Leveraged data analysis and machine learning algorithms to create a model that considers various factors, such as experience, skills, location, and company size.

## SKILLS

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| **Machine Learning** | MLops, Supervised Learning, Unsupervised Learning, Reinforcement Learning. |
| **Artificial Intelligence** | GenAI, Langchain, Langraph, RAG , MCP , N8N, Hugging Face Transformers . |
| **Programming Languages** | Python, Flask, Java ,HTML, CSS, react.js, C, Streamlit. |
| **Data Management** | Mango DB , Data Preprocessing, DSA. |
| **Deep learning** | CNN,RNN,Transformers . |