

PUCHALA PAVANITHA SIVANI

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SUMMARY

Pursuing a BTech in Artificial Intelligence and Machine Learning. Good at Python,Java, TensorFlow, and Scikit-learn. Interested in using what I learn to solve real problems and work on AI/ML projects. Looking for a chance to gain experience and learn more in this field.

EDUCATION

BTech,AI ML

Vishnu institute of technology |2022-26| Bhimavram CGPA:8.67(Till Now)

Intermediate,MPC

Sri Chaitanya Jr College |2020-22|Rajahmundry |Percentage-83.6%

SKILLS SUMMARY

- **Languages:** Python,SQL,JAVA
 - **Frameworks:** Pandas ,Numpy ,Matplotlib
 - **Tools:** PowerBI,GIT,Visual Studio,Jupyter Notebook
 - **Soft Skills:** Communication,Stress Management,Teamwork and Collaboration
 - **Web Technologies:** HTML ,CSS ,JavaScript ,React.js ,Node.js ,Express.js
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WORK EXPERIENCE

July 2024 – September
2024

AICTE

AICTE EduSkills Google (Virtual Internship)

- Developed and implemented advanced image classification algorithms, resulting in a 30% improvement in product search accuracy on mobile applications; leveraged TensorFlow and ML Kit for efficient real-time data processing.
 - Built and deployed AI/ML models optimized for mobile applications with TensorFlow Lite.
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PROJECTS

Pinspire

- Technologies & Tools used: React.js, Firebase Authentication, Firebase Storage, Unsplash API, JavaScript, HTML, CSS.
- Developed a full-featured Pinterest Clone using React & Firebase with landing page, user authentication, infinite scroll feed, pin creation/saving, profile management, real-time messaging, notifications dark/light mode toggle.

Car Price Prediction

- Technologies & Tools used: Python, Pandas, NumPy, Scikit-learn, Jupyter Notebook, Matplotlib, Seaborn
- Developed a machine learning model to predict car prices using Linear Regression. Performed data preprocessing and feature engineering, applied regression techniques, and evaluated model accuracy. Visualized insights with Matplotlib and Seaborn to interpret patterns and key factors influencing car prices.

Swiggy Power BI Dashboard

- Developed a Swiggy-style interactive dashboard with KPIs for orders, revenue, delivery performance, and customer insights. Implemented dynamic Top-N analysis, restaurant ratings, cuisine distribution, and interactive filters for city, restaurant, and cuisine.
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CERTIFICATIONS

- **Getting Started with Artificial Intelligence** : By IBM SkillsBuild
- **Technology job simulation** : By Deloitte
- **Introduction to machine learning** : By NPTEL
- **Programming Fundamentals using Python** : By Infosys Springboard