

# VARUN KODAMANCHILI

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## SKILLS AND INTERESTS

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- **Programming** : Java, Python, C, JavaScript, HTML, CSS
- **Technologies and Libraries** : MySQL, Pandas, Scikit-Learn, Reactjs, Nodejs
- **Frameworks** : Flask
- **Tools** : Git
- **Interests** : Designing, Exploring new technologies

## EDUCATION

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**Bachelor of Technology (Computer Science and Engineering (AI))** 2021-2025(Pursuing)  
Sri Vasavi Engineering College, Tadepalligudem. **CGPA 8.94**

**Intermediate , MPC** 2019-2021  
Aditya Junior College, Tadepalligudem. **Percentage - 94%**

**Class 10<sup>th</sup> - SSC** 2019  
GSR E.M School, Pippara. **CGPA 9.7/10**

## PROJECTS

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### Price Comparison for online Shopping

- Developed a web application for real-time price comparison using Python, leveraging Selenium for web scraping across multiple online sites to gather and compare pricing data.
- Designed an interface with real-time data fetching to ensure users receive up-to-date pricing information from multiple sources.
- Integrated front-end technologies including HTML, CSS, and JavaScript to display comparisons effectively.
- Leveraged Python as the backend language to handle data processing and business logic.

### Weather Detection

- Created a weather information web application, utilizing Python with Flask as the backend framework.
- Integrated a third-party API to retrieve and display real-time weather data.
- Provided a search functionality to retrieve weather details based on user-entered locations and provided real-time updates for accurate information.
- Focused on creating a user-friendly interface for seamless navigation and an enhanced user experience.

### Movie Recommendation System

- Developed a personalized movie recommendation platform that suggests movies based on user preferences such as year, runtime, and genres.
- The platform leverages machine learning algorithms to deliver highly accurate recommendations, achieving a target accuracy above 90%.
- Implemented Python libraries including scikit-learn, pandas, and numpy for data processing and model development.
- Designed and deployed a user-friendly interface using Streamlit to enhance the recommendation experience.

## ACHIEVEMENTS

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- Secured 2<sup>nd</sup> Prize in Web Visionaries on Engineer's Day at College, 2023
- Solved 80+ problems on LeetCode, focusing on fundamental concepts of DSA.
- Achieved a score of 350+ on GeeksforGeeks in competitive programming.

## CERTIFICATIONS

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- Web Developer Bootcamp - Udemy
- Joy of Computing Python - NPTEL
- Java Full Stack - Wipro
- AWS Academy Cloud Foundations - AWS
- OCI 2024 Generative AI Certification – Oracle