

Ravula Pradeep

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LinkedIn Profile



Objective

To be part of a dynamic and progressive organization where I can use my skills and energy to do meaningful work. I am looking for a role that helps me grow while also contributing to the success of the company. I enjoy learning new things, solving problems, and working with others as a team. I believe in staying dedicated and giving my best in everything I do. My goal is to make a positive impact and build a strong career.

Technical Skills and Interests

- **Languages:** JAVA, PYTHON
- **Frameworks:** SPRING FRAMEWORK
- **Web Technologies:** HTML, CSS, REACT
- **Database Technologies:** SQL
- **Soft Skills:** TEAMWORK, VERBAL COMMUNICATION, PATIENCE
- **Areas of Interest:** FULL STACK, ARTIFICIAL INTELLIGENCE

Education

- **R.M.D Engineering College**
Computer Science and Engineering, TN
CGPA: 7.98* (2026)
- **Sri Viveka Junior College**
Board of Intermediate Education, AP
CGPA: 8.71 (2022)
- **Oxford English Medium High School**
Board of Secondary Education, AP
CGPA: 10.00 (2020)

Projects

Text Classification With TensorFlow (01-08-2023 to 30-08-2023)

- **Tools & Technologies Used:** TextVectorization, Kaggle, TensorFlow, NumPy, Pandas, IMDB Dataset.
- Built and trained a sentiment analysis model using the IMDB movie reviews dataset with a custom CNN architecture in TensorFlow and Keras.

- Preprocessed text data using Keras TextVectorization layer, converting tokenized reviews into padded sequences with a vocabulary size of 10,000.
- Developed a robust pipeline for loading, decoding, vectorizing, and splitting the dataset into training and validation sets.
- Achieved reliable binary classification performance with accuracy monitoring and dropout regularization to prevent overfitting.
- Implemented a prediction function to classify new reviews as Positive or Negative with confidence scores.
- Saved and deployed the trained model for further use or integration into sentiment-based applications.

ShopEasy – E-commerce Website

- **Tools & Libraries Used:** HTML5, CSS3, JavaScript, Font Awesome, Google Fonts (Roboto)
- Developed a responsive and interactive front-end for an e-commerce website inspired by platforms like Flipkart and Amazon, named ShopEasy.
- Designed and implemented key features including a dynamic homepage with product sliders, category navigation, user login/logout functionality, and a real-time shopping cart counter.
- Created modular sections for “Deals of the Day”, “Electronics”, “Fashion”, and “Home Kitchen” using structured HTML and styled using modern CSS techniques.
- Integrated an intuitive search bar to allow users to search for products, brands, and categories with a clean UI layout and smooth user experience.
- Focused on responsiveness and accessibility, ensuring a seamless experience across various device sizes using media queries and flexible design patterns.

Additional Information

- **Languages:** English, Telugu, Hindi.
- **Hobbies:** Volleyball, Cooking, Reading books.

Achievements

- Secured 1st place in a campus-level Ideathon by presenting an innovative solution.
- Completed Machine Learning Projects at 1Stop Online Intern.
- Participated in Flipkart Grid 6.0.
- Successfully completed the NPTEL certification in Java.
- Participated in the Big Prototype Challenge organized by the Institution’s Innovation Council.
- Participated in TATA Crucible Campus Quiz 2024 organized by TATA.
- Completed the Java Fundamentals Course at Infosys Springboard.
- Successfully completed the NPTEL certification in Design thinking.