

RAMYA MUNIGANTI

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Summary

Aspiring Front-End Developer proficient in JavaScript, HTML, CSS, and React.js with expertise in project management and data analysis. Experienced in building responsive web applications, API integrations, and implementing user-friendly features. Skilled in leveraging machine learning techniques for innovative solutions, including face recognition and breast cancer prediction.

Technical Skills

- **Programming:** JavaScript, Python
- **Web Technologies:** HTML, CSS, Bootstrap, React.js
- **Version Control:** Git
- **Project Skills:** Project Management, Data Analysis

Projects

Deep Face Recognition using Imperfect Facial data

March 2023 – May 2023

- Spearheaded research initiatives to evaluate the efficacy of machine learning algorithms in face recognition, leveraging partial facial data from real-world scenarios captured by CCTV cameras.
- Innovated and develop novel techniques for preprocessing imperfect facial images, including rotation and zooming manipulations, 12% to enhance the robustness of face recognition systems.
- Lead cross-functional teams in the customization and fine-tuning of Convolutional Neural Networks (CNNs) tailored specifically for handling imperfect facial data.
- Established strategic partnerships with CCTV camera manufacturers and industry to access diverse and challenging datasets for training and 15% validation.
- Driven the dissemination of research findings through publications in top-tier academic journals and presentations at industry conferences.

Harry Potter Web Application

Technologies: JavaScript, HTML, CSS, Bootstrap, API Integration

- Developed a responsive web application to fetch and display Harry Potter data (books, characters, houses, spells) using an external API.
- Implemented search and filtering features for better user interaction.
- Added functionality to mark favourite books with data persistence using local storage.
- Ensured cross-device compatibility with responsive design. Bootstrap for quick layout development and consistency.

Education

- Bachelor of Engineering in Computer Science and Engineering August 2019 – September 2023
DRK College of Engineering and Technology
- Board Of Intermediate Education April 2017 – May 2019
Sri Chaitanya Junior College

Certifications & Achievements

- Certified in Python from Udemy Certified with an A Grade in Microsoft Office.
- Actively engaged in the Science Club.
- Merit Scholarship Recipient from JNTUH (Btech)