

RAVADAGUNDI SANATH KUMAR

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ABOUT ME

Aspiring React.js developer with hands-on experience in building and deploying multiple web applications that are currently in active use. Eager to grow expertise in front-end technologies while leveraging a solid foundation in Artificial Intelligence and Machine Learning through several successful projects. Passionate about learning, problem-solving, and delivering scalable, user-centric solutions.

EDUCATION

VIT-AP UNIVERSITY, Amaravati, India

BTECH - COMPUTER SCIENCE AND ENGINEERING(AIML)

SRI CHAITANYA, Kurnool, India

INTERMEDIATE

SRI VIVEKANANDA ENGLISH MEDIUM HIGH SCHOOL, Uravakonda, India

10th Standard

CGPA: 8.05

Dec 2021 - May 2025

MARKS: 896

2019 - 2021

GPA: 9.5

2019

TECHNICAL SKILLS

Languages: PYTHON , JAVA

Frontend: React.js, Tailwind CSS, HTML, CSS, Django

Backend Integration: RESTful APIs, Node.js, MongoDB , PostgreSQL, Axios, MySQL, WebSockets, JWT, Cookies, Git, GitHub

RELEVANT COURSES: Data Structures, Operating system, Database Management Systems, Computer Networks, Web Technologies, Artificial Intelligence, Machine learning, Deep Learning, Data Analytics.

INTERNSHIP EXPERIENCE

ICAMP PRIVATE LIMITED

5 October,2023 – 5 May,2024

Machine Learning/Full Stack Junior Engineer - Intern

BENGALURU

- Implemented Firebase Authentication and JWT for secure user login and session management.
- Designed, developed, and deployed scalable web applications using React.js and Tailwind CSS
- Conducted research on Large Language Models (LLMs), including their history, development, and fine-tuning.

TECH 0X.DAY PRIVATE LIMITED

27 July,2024 - 27 November,2024

DApp Engineering - SDE -1 Fellows

BENGALURU

- Developed and maintained backend APIs for SMS services using Node.js and Express.
- Deployed several web applications, including: 1. <https://link.0xprofile.com/> 2. <https://0xcampus.com/> 3. <https://0x.house/> 4. <https://10x.camp/> 5. <https://skillprotocol.com/>

PROJECTS

RICE PLANT DISEASE DETECTION USING DEEP LEARNING

July-2023

- Developed a system using pre-trained models such as EfficientNetB1, ResNet50, and Vgg16 for detecting rice plant diseases.
- Achieved an accuracy of 96.88 on a dataset of 9 classes.

ACCOUNTS APP USING DJANGO AND GOOGLE API FOR COMPANY TAX VERIFICATION Dec-2023

- Built an application that functions without a traditional database. Users can input expenses into an Excel sheet via a Django interface and download receipts for each transaction.

REAL-TIME CHAT SYSTEM

Sep-2024

- React.js with WebSocket integration for real-time communication and dynamic UI rendering with JWT Authentication. Node.js with Express.js to handle API requests and manage WebSocket connections. MongoDB to store user data, chat history, and group information.

DEEP FAKE DETECTION

Apr-2025

- Developed a full-stack multi-modal deepfake detection system that accurately identifies fake content across images, videos, and audio using specialized deep learning models (1D CNN, CatBoost, and Discriminator), achieving up to 98.02 accuracy.
- Integrated domain-specific AI pipelines into a unified Django web application, enabling real-time media upload, automated file-type routing, feature extraction, and binary classification through a single, user-friendly interface.

CERTIFICATIONS

- Internship Certificate from Smart Internz, Google.
- Internship Certificate from Microsoft , Languify.