

JANANI MUDIMADUGU

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Portfolio: jananim.vercel.app

Proficient in **JavaScript** and **Python**, with proven skills in web development using **HTML**, **CSS**, **Bootstrap**, and **JavaScript**. Demonstrates strong problem-solving abilities, attention to detail, and effective communication skills. Comfortable working both independently and in team environments, with hands-on experience in **Git** and **Agile methodologies**. Passionate about technology and enthusiastic about contributing to innovative and impactful software projects.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Aug 2019 – May 2023

- KMM Institute of Technology and Science, Tirupati
 - GPA: 75%
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EXPERIENCE

Folksmedia | Python Backend Developer | Bengaluru, India

July 2023 – Sep 2023

- **Developed and maintained RESTful APIs** in both **Django** and **FastAPI**, implementing **CRUD operations** for efficient data management and interaction.
 - **Enhanced and optimized API endpoints** in Django and FastAPI to improve performance, scalability, and security of backend services.
 - **Collaborated with cross-functional teams**, integrating backend services built with Django and FastAPI into front-end applications, ensuring seamless system interoperability.
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SKILLS

- Programming Languages: Python, JavaScript
- Web Development: HTML, CSS, Bootstrap, Django, FastAPI
- API Development: RESTful APIs, CRUD operations
- Frameworks: Django, FastAPI
- Database Management: SQL, PostgreSQL, SQLite
- LLM Integration: OpenAI API, Google Gemini, Semantic Kernel
- Authentication: JWT Authentication
- Version Control: Git, GitHub
- Methodologies: Agile, Scrum
- Tools: Postman, Docker, Swagger UI, ReDoc
- Soft Skills: Problem-solving, Attention to detail, Team collaboration, Communication

CERTIFICATIONS

- **Machine Learning with Python – Verzeo**

Acquired hands-on experience in building machine learning models using **Python** and libraries like **scikit-learn**. Learned key concepts such as supervised and unsupervised learning, data preprocessing, and model evaluation.

- **Build Your Own Static Website – NxtWave Disruptive Technologies**

Developed skills in HTML, CSS, and Bootstrap to create responsive, cross-browser compatible static websites.

- **Build Your Own Dynamic Website – NxtWave Disruptive Technologies**

Learned to develop dynamic web applications using **JavaScript**, **APIs**, and backend integration. Implemented features like user authentication, dynamic content rendering, and form handling for an interactive user experience.

PROJECTS

CVC (Concrete Value Corp) - 07/2023- 09/2023

Folksmedia

- Concrete Value Corp is an American-based construction site attendance system. In this project there are 4 levels of users in which Lower level is worker, who can access their profile by face recognition.
- And we use the AWS Cognito for this recognition system. Our client is a US construction site company. And we will modify the attendance management and many more features according to the client requirements. We used Python, FastAPI, ORM, MySQL in this project

Detection of Chronic Heart Failure from Heart Sounds - 03/2023- 05/2023

KMMITS

- The project "Detection of Chronic Heart Failure from Heart Sounds" focuses on leveraging machine learning and signal processing techniques to develop a system capable of accurately identifying chronic heart failure (CHF) based on the analysis of heart sounds.
 - By collecting and analyzing audio recordings of heartbeats, the project aims to extract relevant features indicative of CHF and train a model to classify heart sounds as either normal or indicative of CHF. This innovative approach holds promise for early detection and monitoring of CHF, potentially enabling timely interventions and improving patient outcomes.
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INTERESTS

- **Adaptability:** Embracing change and adjusting to new challenges in dynamic environments.
- **Learning New Technologies:** Passionate about staying updated with emerging trends and tools in software development.
- **Teamwork:** Collaborating effectively with diverse teams to achieve common goals.
- **Work Ethic:** Committed to delivering high-quality work and maintaining professionalism in all tasks.