

Karnam Shyam

Student, Aspiring Full-Stack Developer Powered by AI/ML Insights

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SUMMARY

Experienced and results-driven professional with a strong background in full-stack Java development and a passion for leveraging Python for AI, ML, and deep learning applications. Proven track record demonstrated through research papers showcasing expertise in these areas. I am constantly seeking opportunities to expand my knowledge and skills through internships, workshops, and personal projects. I possess strong logical thinking and problem-solving abilities. I believe in continuous learning and strive to stay updated with the latest industry trends.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript, SQL(MySQL, SQLite, Oracle), MongoDB

Frameworks: Flask, SpringBoot, Angular16, Bootstrap, Hibernate

Developer Tools: Git, Firebase, Maven

Libraries: Tensorflow, sklearn, numpy, pandas

PROJECTS

Brain Tumor Detection | *Python, Flask, Federated Learning, Flower Framework* Jan 2024 - April 2024

- Implemented the Federated Learning technique in medical department, which enhanced the data privacy
- Developed and deployed a trained machine learning model through an API
- GitHub - [KarnamShyam1947/health-care-api](#) | [KarnamShyam1947/fl-brain-tumor](#)

Health Care Web App | *Java, Servlets, JSP, Hibernate, AngularJS, MySQL* Jan 2024 - April 2024

- Developed a full-stack web application using with Java EE
- Create a user-friendly platform that allows patients to access hospital services and appointments remotely, improving accessibility and efficiency.
- GitHub - <https://github.com/KarnamShyam1947/health-care-webapp>

Cropify | *Python, Flask, Deep Learning, HTML, CSS, JS, MySQL* June 2023 - Sep 2023

- Developed a full-stack web application using Python Flask Framework
- Developed an advanced AI-based system to assist farmers in diagnosing plant diseases, recommending suitable crops, and optimizing fertilizer usage
- GitHub - <https://github.com/KarnamShyam1947/AgriTech>

Bird Species Identification | *Arduino, ESP32, Python, Flask, AWS* Jan 2023 - June 2023

- Developed an innovative IoT-based solution leveraging deep learning techniques to monitor Bird Species in real-time
- GitHub - <https://github.com/sanjay7178/iot-esp32-cam>

EDUCATION

VIT-AP University | **Current CGPA : 8.96** Amaravathi, AP
Integrated MTech CSE 2021 - present

DR Junior Collage | **Marks : 961/1000** Vizag, AP
Inter MPC 2019 - 2021

sanskriti global school | **Percentile : 90.6** Vizag, AP
10th CBSE 2018 - 2019

PUBLICATIONS

Transfer Learning for Bird Species Identification Jan 2023 – June 2023

- <https://ieeexplore.ieee.org/abstract/document/10142979>