

KOMMU SAI DIXITH

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PROFILE

- A Computer Science student with a strong passion for software development and a proactive approach to learn. Proficient in C, Java, and Python, with hands-on experience in designing software applications. Quick learner with a solid understanding of programming fundamentals. Effective communicator and team player, excited to contribute to innovative projects while gaining valuable experience and expanding skills in software engineering.

EDUCATION

Degree	Institute	Year	CPI
B.Tech in CSE-AIML	Vignan Institute Of Technology and Science	2022-2025	7.55
DIPLOMA in EEE	Teegala Ram Reddy Group Of Institutions	2019-2022	9.87
SSC CCE	Santhi Nikethan Talent High School	2018-2019	9.7

PROJECTS

- **Fire Detection & localization using surveillance camera** **May-Jun 2024**
 - A Machine Learning based model which is trained with dataset to detect fire and smoke using surveillance camera. This system can identify the onset of a fire within seconds, providing instant alerts to emergency responders.
 - **Tools:** Python, RoboFlow, PyTorch for training the YOLO model, OpenCV for handling video input and processing frames from the surveillance camera.
- **Infinite Learners LMS Application: Empowering Lifelong Learning** **Jan-Feb 2024**
 - Managed a portal that serves as the gateway to all of the LMS's functionalities, such as course catalogs, progress tracking, reporting, and communication tools. This portal typically offer features such as gradebooks, attendance tracking, and discussion forms that facilitate student-teacher interaction.
 - **Tools:** HTML, CSS, JavaScript used for frontend, PHP used for Backend, XAMPP MySQL used as Database.
- **Air Canvas Application** **Aug-Sep 2023**
 - Developed a model that creates a digital drawings in mid-air using hand gestures. It utilizes motion tracking and depth sensing to capture the movements of the user and translate them into digital drawings.
 - **Tools:** Python, Numpy for the Model training, OpenCV for handling video input and processing frames from the camera.

TECHNICAL SKILLS

- Programming Languages
 - Python, Java, C
- Web Development
 - HTML/CSS
- Database Management
 - SQL
- Software Tools
 - Git, Docker, XAMPP

SOFT SKILLS

- Team work
- Problem solving

CERTIFICATIONS

- Neural Networks and Deep Learning *Jun 2024*
 - COURSERA
- SQL Bootcamp *Jun 2024*
 - LETS UPGRADE
- Machine Learning Application *Jan 2024*
 - GREAT LEARNING ACADEMY
- Java Programming *Aug 2023*
 - GREAT LEARNING ACADEMY
- Programming essentials with Python *Mar 2023*
 - TASK

WORKSHOPS

- Network Simulation using NS2 Workshop *Jan 2024*
 - TASK
- Java Programming Workshop *Aug 2023*
 - TASK
- Python Programming Workshop *Mar 2023*
 - TASK

POSITIONS OF RESPONSIBILITIES

- Volunteer for NSS(National Service Scheme)
- Part of Organisation team for a Hackathon in our College
- Part of Organisation team in our College Fest
- Part of Organising many Department Level Seminars and Events