

Kallur Vasudeva Tharun Kumar

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Professional Experience

Software Developer.

Bengaluru, KA
August 2022 – Present

- **Software Developer Intern - Xplorebits Technologies, Anantapur**
March 2024 – June 2024
Front-End Web Development: Assigned as a developer on front-end web applications and design.
Technical Skills: Hands-on experience with Vue.js, Tailwind CSS, Node.js, and Express.js frameworks.

Technical Skills

- | | | |
|--------------------|--------------|----------------|
| • Python | • CSS | • Vue.JS |
| • Flask | • JavaScript | • Tailwind CSS |
| • Data Structures | • Linux | • MySQL |
| • Machine Learning | • Networking | • Mongo |
| • HTML | | |

Projects

- **ML Studio:** ML Studio facilitates the creation of supervised machine learning models by providing an intuitive interface designed to empower users of varying experience levels. Through ML Studio, users can efficiently build models by inputting datasets and selecting from a range of supervised ML algorithms, training parameters, and feature selection technique
- **Authorization API:** Authorization API, designed to handle user authentication and authorization processes efficiently. This API offers essential functionalities such as user login, registration, and password retrieval. Through the login endpoint, users can securely authenticate themselves by providing their credentials, while the registration endpoint allows for seamless creation of new accounts.
- **MNIST Digit prediction using CNN:** A 17-layer model was constructed using a combination of Conv2D, MaxPooling2D, BatchNormalization, Dense, Flatten, and Dropout layers. The model achieved an impressive accuracy of 99.15% with an input layer consisting of 32 neurons and an output layer with 10 neurons representing distinct classes.
- **Implementation of decimal counter by interfacing with 8051 micro-controller:** The counting speed is taken as the most important factor in the selection of decimal counter logical arrangements. Most seven segment displays are usually used in multi digit counting applications so by cascading together digital counters, 4-digit counters giving displays with a maximum reading of 9999 can be constructed

Education

PES UNIVERSITY

Masters of Computer Application
Expected First Class

Aug 2022 - Present

Sri Sai Baba National Degree College

Bachelor of Science
CGPA 8.94

April 2022

Certifications

- Data Analytics Essentials - Cisco