Tilak Pednekar

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SKILLS AND COMPETENCIES

Programming Languages: JavaScript, Java, sql, python

Front-End Development : React Js, Tailwind-Css , Html ,Bootstrap

PROJECTS

SATELLITE-BASED ECONOMIC VULNERABILITY INDEX

- Developed a model to predict poverty levels from satellite images using deep neural networks
- Utilized Python for scripting and project implementation.
- Leveraged TensorFlow and Keras for building and training deep learning models.
- Integrated Flask to create a web application for accessing the index.
- Employed OpenCV for image processing and analysis of satellite imagery.
- Used Pandas and NumPy for data manipulation and numerical computations

ONLINE UNUSED MEDICINE DONATION

- Developed a web-based platform to facilitate the donation of unused medicines to those in need.
- Designed and implemented user interfaces using HTML, CSS, and JavaScript.
- Created server-side scripts using PHP for handling user requests and database interactions. Developed secure authentication and authorization mechanisms.
- Designed and managed a MySQL database for storing user and medicine donation information. Implemented SQL queries for data retrieval and manipulation.
- Configured and deployed the application on an Apache server.

GYM MANAGEMENT SYSTEM

- Designed a user-friendly interface using HTML, CSS, and JavaScript to display appointment options, booking calendars and scheduling options.
- Employed PHP and MySQL to connect to the database, process appointment requests and to Book Pakages.
- Apache web server for hosting and serving the application.

EDUCATION

MASTER OF COMPUTER APPLICATION,   (Jan 2023 - Sep 2024)

Visvesvaraya Technological University, Karnataka

CGPA: 8.0