

# MANIKANDAN S

## Full Stack Developer

Adaptable professional with a multitasking, time management, quick-learning ability and a talent for adjusting to new environments. Skilled in rapidly acquiring new knowledge and applying it effectively. Driven by a passion for continuous learning and successfully navigating change.

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## WORK EXPERIENCE

### Senior Developer V2etechnologies

02/2023 - Present

Chennai, Tamil Nadu

#### Achievements/Tasks

- Developed and maintained front-end web applications using **HTML, CSS, JavaScript** and **ReactJS**.
- Created back-end services for data manipulation and business logic using **Django with DRF (Django Rest Framework)** and **Flask**.
- Designed database schemas to store application data using **MySQL** and **Postgresql**.
- Built responsive websites compatible with mobile devices using **Tailwind CSS**.
- Developed Python scripts to automate data processing tasks.
- Developed Custom Modules in **Odoo**.

## EDUCATION

### Bachelor of Engineering CSE Chettinad College of Engineering & Technology

04/2018 - 04/2022

Karur, Tamil Nadu

### HSC - Science

### P.A.VIDHYABHAVAN HR.SEC.SCHOOL Karur, Tamil Nadu

04/2016 - 03/2018

## SKILLS

Python

HTML / CSS / JavaScript

Django

Flask

Odoo

MySQL

PostgreSQL

PyQt

Bootstrap

ReactJS

Angular

Tailwind

Git

## PROJECTS

### Google Drive Files Sync

- Built a **Python-based service** to sync files from Google Drive, including shared folders, preserving the original folder hierarchy locally that is in Google Drive.
- Overcame a key limitation of the default Drive sync by directly accessing **shared-with-me** files via the Drive API.
- Used a local timestamp to download only new files, saving time and system resources.
- Maintained comprehensive logs that contains local paths, Drive paths, download timestamps, and sync history for traceability.

### Image Attribute Extraction Tool

- Designed a **Django-based** image annotation tool with **Riot.JS** for users to define attribute fields and unique template identifiers.
- Stored positional metadata (attribute and identifier coordinates) in a **MySQL** database to support dynamic template matching.
- Integrated CLOVA OCR API to extract identifier text from uploaded images and automatically match them to the find correct template.
- Cropped image regions based on stored coordinates and processed them through CLOVA OCR for precise field-level text extraction when the template matches with input image.

### Report Maker

- Developed a web based report generation application for creation, formatting, and delivery of business reports.
- Built the front-end interface using **React.js** with responsive pages, multiple essential report elements like text box and shapes and report preview for enhanced user experience.
- Designed and implemented the backend using **Django**, with role-based authentication and optimized ORM structure for storing reports with **MySQL** Database.
- Introduced report sharing feature via email and direct app link.

## LANGUAGES

Tamil

Native or Bilingual Proficiency

English

Professional Working Proficiency

## INTERESTS

Game Designing

Playing Video Games

Watching Anime