

Manikandan S

Full Stack Developer

Karur, Tamil Nadu | manikandan.s161220@gmail.com | [linkedin.com/in/manikandan-s-523259194](https://www.linkedin.com/in/manikandan-s-523259194) | github.com/ManikandanS-2000 | manikandans-2000.github.io/Portfolio/

Executive Summary

Versatile developer with hands-on experience across front-end, back-end, and mobile frameworks and adaptable to new frameworks and languages. Passionate about continuous growth and delivering impactful and efficient solutions.

Experience

Senior Full stack developer

V2etechnologies LLP

2023 to present - Chennai, TamilNadu

- Developed and maintained front-end web applications using **React JS/Angular** with **Tailwind** and **Bootstrap**.
- Created back-end services for data manipulation and business logic using **Django ORM**, **DRF** and **Flask**.
- Designed database schema to store application data using **MySQL** and **PostgreSQL**.
- Developed 10+ **Python microservices** to automate data processing tasks.
- Developed 5+ Custom Modules in Odoo.

Education

• B.E CSE

Chettinad college of Engineering & Technology
04/2018 to 04/2022 - (Karur, Tamil Nadu)

• HSC - Science

P.A.Vidhya Bhavan Higher Secondary School
04/2016 to 03/2018 - Karur, Tamil Nadu

Languages

- Tamil
- English

Interests

- Playing Video Games
- Game Designing
- Watching Anime

Skills

- **Language** : Python, HTML/CSS, JavaScript, Typescript
- **Front-end** : Next JS, React, Tailwind, Bootstrap
- **Back-end** : Django, Flask, Odoo
- **Mobile/Desktop** : React Native, Angular Ionic, PyQt
- **Database & Tools** : MySQL, PostgreSQL, Git

Projects

Report Maker

- Developed a web application using **React JS** to create, edit, and share business reports.
- Built with **Bootstrap** and **Material UI** for responsive design.
- Developed back-end using **Django** with optimized **ORM** structure, **JWT** authentication and **MySQL** Database.
- Users can create any number of reports and share them within the application and also via email and app link with read-only access.

Weld & Deburr Evaluation

- Developed a mobile app using **Angular Ionic framework** to capture weld and deburr images and evaluate them using **OpenAI**.
- Developed a web application to display the results on a webpage using **Angular** with **Tailwind CSS**.
- Wrote an API in C# .Net Core to retrieve and store the results in an **SQL** database and send them to a dashboard application.

Attributes Extraction Tool

- Developed a web application using **Django with Riot.JS** for template-based image OCR and used **MySQL** database for storing Template metadata.
- Integrated the **CLOVA OCR API** to extract text from images.
- Users can create any number of templates with specific regions they want to extract from images and upload new images to extract attributes.
- Image OCR can be performed using an API by simply passing the image that makes it easy to integrate in other applications.