

SKILLS

- **Programming Languages** - Python, JavaScript
- **Frontend Development** - HTML, CSS, ReactJS, Tailwind CSS
- **Backend Development** - Django, Django Rest Framework, FastApi
- **Tools** - Git, Postman, Docker, AWS

EXPERIENCE

The Zigma Technologies India (P) Limited

Chennai

Project Associate

July 2023 - present

- Designed and implemented RESTful APIs using Django REST Framework with JWT-based authentication for secure access control.
- Optimized ORM queries and implemented caching mechanisms to enhance data retrieval performance, while leveraging ThreadPoolExecutor for improved application efficiency.
- Scheduled and automated Cron jobs and utilized Celery to ensure timely data updates and handle asynchronous tasks efficiently.
- Incorporated external APIs, including Microsoft Intune and Meraki for retrieving device data, and Zabbix APIs for monitoring device availability and other metrics.
- Integrated a face detection and recognition model into the Django application, developed API endpoints to control and execute face recognition scripts.
- Collaborated with frontend and QA teams to facilitate the seamless integration of backend services and maximizing performance.

EDUCATION

Guru Nanak College

Chennai

Bachelor of Computer Science

2020 - 2023

- 90%

PROJECTS

Green City

Django, SQLite3

- Developed a web application for managing user complaints, featuring integrated forms for efficient data collection and feedback submission.
- Implemented an automated email notification system to keep users informed about the status of their complaints.
- Link: sivarajpaldurai.pythonanywhere.com

Rathna Store

React, MUI, Django, SQLite3

- Developed a full-stack grocery store application featuring RESTful APIs with token authentication and a user interface by managing auth tokens and routes.
- Integrated Razorpay's payment gateway in test mode for online transactions.
- Link: rathna-store.vercel.app

CERTIFICATIONS

Programming in Python

- Cisco Networking Academy