Sivaraj P

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sivaraj.vercel.app

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*

- Developed a RESTful APIs using Django Rest Framework, incorporating JWT sessions to ensure secure user authentication and authorization for API requests
- Optimized API response times by streamlining loop structures, refining database queries, and implemented threading for concurrent tasks, resulting in significantly reduced latency and enhanced overall system performance.
- Implemented advanced facial recognition capabilities through API by utilizing OpenCV and face recognition library and models to detect and recognize the faces.
- Developed a FastApi microservice application featuring an abstract database model to ensure compatibility with any cloud databases, and successfully deployed the solution using Docker, enhancing flexibility and scalability.
- Collaborated with frontend and QA teams to facilitate the seamless integration of backend services and maximizing product quality and 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