



SIVAPRAKASH D

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 sivaprakash-d  Siva9943

Executive Summary

Recent graduate and detail-oriented Full Stack Developer skilled in Python, JavaScript, Django, and React.js. Proficient in developing REST APIs and full-stack solutions for frontend and backend systems. Strong problem-solving abilities, familiar with Agile methodologies, and motivated to contribute to innovative team projects.

Education

Madha Engineering College - Chennai 2023 – 2025
MCA - Computer Applications | CGPA: 8.41/10.00

Shanmuga Industries Arts & Science College - Tiruvannamalai 2020 – 2023
BCA - Computer Applications | CGPA: 8.64/10.00

Work Experience


Full Stack Python Developer - InternShip VcodeZ - Software Solutions - Chennai Jun 2025 – Oct 2025

- Gained real-time experience in end-to-end project development, including requirement gathering.
- Developed RESTful APIs using python and Django to handle user authentication and data processing,improving system efficiency.
- Developed fully featured individual project for agile methodologies.


Skills

Programming Languages: Python, JavaScript, C, C + + , HTML, CSS
Frameworks/Libraries: Django, REST API, React.js, Bootstrap
Databases: MySQL, PostgreSQL
Tools/Platforms: Git, GitHub, Postman, Netlify, Render, Docker
Development Practices: MVT, ORM, REST APIs, Hackerrank, GeeksforGeeks, LeetCode


Projects

Organ Donation and Matching System & Disease Prediction  Aug 2025 - Oct 2025

- Secure registration/login system with admin approval and test result uploads to store and predict disease status, increasing workflow efficiency by **40%**.
- ML-based transplant prediction for assessing donor-patient compatibility and eligibility.
- Management of donors, patients, and research team with CRUD operations and informational portal for guidance.

Agri World  Jul 2025 - Aug 2025

- Role-based user/seller registration and login, including Google OAuth 2.0 integration for better user experience.
- Integrated live weather forecasts, daily market prices, crop information, community discussion forums, and government scheme updates.
- Sellers manage products, set prices, and view orders via seller dashboard.
- Admin dashboard to manage users/sellers, market data, community posts, and government schemes.

Library Management System  Jun 2025

- Role-based system with secure login authentication, user registration, and book inventory management.
- Tracked book issues/returns using `@transaction.atomic` to ensure reliable database updates, reducing manual errors.
- Admin-level control for managing books, users, and transactions, with search/filter functionality to streamline operations.