

ARAVINTHAN SEDHURAMAN

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PROFILE SUMMARY

Full-stack developer specializing in Python for backend development, with strong proficiency in React for building dynamic, responsive front-end interfaces. Adept at designing scalable, secure, and high-performance web applications with seamless API integration. Skilled in end-to-end project execution, from requirement analysis and architecture design to deployment and optimization. Driven by problem-solving, clean code practices, and collaborative teamwork, I aim to contribute my technical expertise to a forward-thinking organization where I can build impactful digital solutions and continue growing as a developer.

EDUCATION

Bachelor of Computer Application (BCA) - 78.9%

2019 - 2022

A.V.V.M.Sri Pushbam College-Thanjavur

WORK EXPERIENCE

Junior Developer – Tandum Digital Solutions

August 2025 - Present

- Building scalable and efficient backend APIs using Django and FastAPI for enterprise-level web applications.
- Working with stored procedures for optimized database operations, ensuring clean, maintainable, and high-performance data workflows.
- Collaborating on application architecture, feature development, and performance enhancements across the backend.
- Integrated frontend applications with backend APIs using Axios/Fetch for smooth asynchronous operations.
- Contributing to frontend development using React, ensuring seamless integration with backend services..
- Handling end-to-end API development, debugging, and deployment tasks as part of a cross-functional team.

Python Fullstack Developer, Ec4You Digital Marketing-Chennai

July 2023 - July 2025

- Developed secure RESTful APIs using Django and Django REST Framework.
- Built responsive and interactive frontend interfaces with React.
- Designed and optimized MySQL and MongoDB databases for performance and reliability.
- Integrated frontend applications with backend APIs using Axios/Fetch for smooth asynchronous operations.
- Integrated front-end with backend APIs, managing async operations and handling API responses using Axios/Fetch.
- Played a key role in delivering dynamic, user-focused web platforms through strong team collaboration

SKILL SUMMARY

Programming Languages: Python, JavaScript

Frameworks: Django, Fast API, Django REST Framework, React.

Databases: MySQL, MongoDB

DevOps: Docker, Microsoft Azure

Web Technologies: HTML, CSS, Tailwind CSS, Bootstrap

Design Tools: Figma

Version Control: GitHub

PROJECTS

YouDeeds – Corporate Share & Compliance Management System

Tech Stack: Python, FastAPI, MySQL (Stored Procedures), React, Bootstrap

Engineered a scalable backend architecture to manage company share records, registered details, and multiple corporate actions. Designed and implemented optimized stored procedures (SPs) in MySQL for high-performance data processing and secure transactional workflows. Developed seamless RESTful APIs using FastAPI, supporting complex business logic, document generation, and real-time corporate action handling. Collaborated closely with the frontend team and contributed to building React-based UI components, ensuring smooth API integration and an intuitive user experience. Implemented authentication, authorization, and strong validation layers to maintain data accuracy and compliance integrity. Handled backend development end-to-end—database design, API engineering, performance tuning—while also assisting in frontend development to deliver a cohesive, responsive, and enterprise-ready solution.

E-Commerce Website

Tech Stack: Django, JavaScript, MySQL, Bootstrap, HTML5, CSS3

Developed custom APIs to handle dynamic pricing, product management, and inventory control. Integrated third-party APIs for seamless shipping (Shiprocket) and secure payment processing (Razorpay). Built a responsive and intuitive front-end for product browsing and cart management, ensuring a smooth user journey. Added advanced features like return processing, wishlists, and real-time order tracking, enhancing user engagement and satisfaction. Optimized backend for fast performance and robust security, and implemented admin dashboards for product and order management. Entire project, from database design to interactive front-end elements, was developed by me, delivering a complete and cohesive user experience.
