

SHAJAY G

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SUMMARY

Dedicated and results-driven **Python Full Stack Developer** with over **two years of hands-on experience in Django**. Specialized in crafting robust e-commerce sites, billing software, and Android applications. Skilled in building scalable REST APIs, using ORM libraries, and QR code processing with pyzbar and Google Cloud Vision API. Experienced in AWS and GoDaddy deployments, integrating WhatsApp API, and Razorpay payment gateways. Knowledgeable in Celery, Redis, Selenium for web automation, Git, GitHub, and API concepts.

EXPERIENCE

Python/Django Developer

Thaagam Foundation

July 2022 -July 2024, Chennai

- Developed and deployed scalable web applications using Python and Django, reducing server response time by 35% through optimization of database queries and implementation of caching strategies.

PROJECTS

Thaagam Website - DJANGO FRAMEWORK

Thaagam Foundation • thaagam.org • September 2023 - February 2024

- Integrated payment gateway solutions to streamline donations.
- Designed dashboard concepts to enhance user analytics.
- Developed donor tracking pages alongside field portals, significantly improving user experience and operational efficiency.
- Utilized Celery for multithreading to improve performance and scalability.

Billing Software - PYTHON

Thaagam Foundation • github.com/Shajay123/Bill-Software • October 2023 - December 2023

- Engineered a Python-based billing software featuring an easy-to-use interface for invoice generation, automated calculations to ensure accuracy, and PDF generation capabilities for printable invoices, increasing billing efficiency by 40%.

Mall Application - ANDROID KOTLIN

Thaagam Foundation • github.com/Shajay123/MALL-APP • August 2023 - September 2023

- Implemented features for creating, updating, and deleting donor profiles.
- Integrated donation tracking functionality to record donation history.
- Ensured responsive design for optimal performance across various mobile devices.

Whatsapp Message Sending Automation - Selenium

Thaagam Foundation • May 2023 - September 2023

- Utilized Selenium with ChromeDriver to send template messages and video files, incorporating sleep intervals to prevent bans.

EDUCATION

Bachelor of Engineering

Minor in ECE • Namakkal • Tamilnadu,India • 2022 • 8.47

SKILLS

Frontend Skills : HTML, CSS, JAVASCRIPT, AJAX .

Backend Skills : Python, Django and Kotlin .

Database : MySql, Sqlite and Firebase .

Deployment : AWS and Godaddy .

Others : Selenium, Celery, Redis, GIT and API Integration