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# Bithorson S

## Python Developer

Portfolio: [bithorson.com](https://bithorson.com)  
[github.com/bithorson1](https://github.com/bithorson1)  
[linkedin.com/in/bithor-son-177abb26a/](https://linkedin.com/in/bithor-son-177abb26a/)

Experienced Python Developer with 1.6 years of hands-on experience in developing, testing, and maintaining scalable web applications. Proficient in Python frameworks, RESTful API integration, and front-end technologies. Known for delivering robust backend systems and collaborating efficiently with cross-functional teams. Looking for a challenging role to contribute technical expertise and continue advancing in Python development.

### SKILLS

Technical Skills	Python, Django Framework, RESTful API Development, MySQL, Front-end (HTML, CSS, Bootstrap, JavaScript), Websockets, WhatsApp API
Tools	Pycharm Community, VScode, Github, Postman, MySQL Work Bench
Communication	Tamil, English

### WORK EXPERIENCE

#### THAAGAM FOUNDATION

OCT 2023 — Present

##### Website, Dashboard, and WhatsApp API Integration (Live at [Thaagam.org](https://thaagam.org))

Chennai, TN

- Developed and maintained a full-featured website and multiple dashboards (Admin, RM, Field, Orphanage, and Education) using Python Django, HTML, CSS, JavaScript, and AJAX.
- Implemented dynamic data visualization and reporting features in the dashboards for real-time monitoring and insights.
- Ensured secure backend management using Django's ORM and integrated REST APIs for seamless data interaction.
- Enhanced front-end functionality by utilizing AJAX for faster, dynamic data updates and better user experience.
- Integrated WhatsApp API into the website to automate communication with donors, including tracking updates, thank you messages, and reminders.
- Built an automated system to create and deliver personalized videos to donors through WhatsApp, improving transparency and engagement.
- Designed and implemented reminder messages and status updates for donors using the WhatsApp API, enhancing engagement throughout the donation lifecycle.
- Used tracking mechanisms to send real-time messages based on key donation milestones, keeping donors informed of their impact.

##### M7Corporation Website and Product Dashboard (Live at [m7corporation.tech](https://m7corporation.tech))

- Built a responsive website and a product management dashboard using Python Django, HTML, CSS, JavaScript, and AJAX.
- Developed features to track product collections, inventory, and real-time product data updates.
- Integrated data visualization and automated reports for efficient product performance monitoring.
- Used REST APIs for secure, seamless data exchange between the dashboard and the backend.

##### WhatsApp Message Automation Bot (Python)

- Built a Python-based bot for automating WhatsApp messages using *pywhatkit* and *selenium*, streamlining communication for bulk messaging and scheduled notifications.
- Automated the process of sending reminders, updates, and thank-you messages to users and clients through WhatsApp.
- Optimized the bot to handle large-scale message delivery while ensuring error handling and retry mechanisms for reliable communication.

##### Client Projects

- Karunai Karangal (Live at <https://karunaikarangalindia.org/>)
- DGPEX (Live at <https://dgpex24x7.in/>)
- CNCLLP (Live at <https://cncllp.in/>)

### EDUCATION

Master of Computer Application, Madras University

pursuing 2024

Bachelor of Computer Science, Raja College of Arts and Science

2022

HSC, ST. Anne's Matric HSS, AKKALMADAM

2019

SSLC, Punitha Yagappan Higher Secondary School - Rameswaram

2017

### COURSE

Python & Django Certificate Course in FITA academy

Chennai