

## Surya Sangam

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### Summary:

During my internships, I specialized in Python, API creation using Flask or Django, data scraping, Docker, and MongoDB, alongside strong skills in data structures and algorithms. My basic knowledge of C further diversifies my skill set. I'm dedicated to utilizing my technical expertise and problem-solving abilities to contribute significantly to software development and data analysis.

### Projects:

#### 1. Tracking System:

- Developed microservices using Flask and React for an advertising marketing company.
- Enabled login and signup systems, and CRUD operations on affiliates, advertisers, and offers details.
- Tracked clicks and saved all related information, such as location, device name, device type, etc. in a NoSQL database.
- Utilized AWS services like Lambda, API Gateway, S3, DynamoDB, RDS, etc.
- Technologies: Python (Libraries: boto3, requests, etc.), Flask, React

#### 2. voice2voice:

- Designed a Voice to Text Translator and Language changer.
- Facilitated writing text in any language by speaking in any language.
- Supported multi-language conversation for speaking and listening.
- Technologies: Python (Library: tkinter, speech recognition, google-trans)

#### 3. Data Crawler:

- Automated LinkedIn login, data scraping, and data processing.
- Stored data in MongoDB database.
- Technologies: Python (Library: selenium, BeautifulSoup)

### Skills:

- Expertise in Python and Data Scraping
- Api Creation
- Data Structures and Algorithms
- Knowledge of Sql and Nosql Database
- Docker

### Experience:

#### 1. Python Developer Intern | [Techaffy](#) | (March 2024 – July 2024) | Kolkata, WB | On-Site

- Developed a Flask and React microservice for an advertising marketing company to Managed offer click tracking, app installs, active offer and advertiser listings, and affiliate assignments.
- Integrate on AWS, And using SQL (RDS), and NoSQL (DynamoDB) databases.

#### 2. Python Developer intern | [Klizo Solutions Pvt Ltd](#) | (June 2023 – October 2023) | Kolkata, WB | On-Site

- Built a Python data crawler to extract, clean, and process LinkedIn profile information. And Stored processed data in a MongoDB database.
- Acquired Docker knowledge, authored Dockerfiles, and contributed to multiple projects.

### Profile Links:

- Github : <https://github.com/surya-1312>
- Leetcode: <https://leetcode.com/surya-1312/>
- Hackerrank: <https://www.hackerrank.com/profile/sangams560>

### Education Qualification:

- **B.Tech. in Information Technology (7th Semester)**  
B.P. Poddar Institute of Management and Technology, Kolkata  
C.G.P.A: 8.10 (up to 5th Sem)
- **Intermediate**  
P.P.M Public School, Jehanabad, Bihar  
Percentage: 72%
- **Matriculation**  
A.N.R Public School, Jehanabad, Bihar  
Percentage: 78.9%

### Other Activities:

- 4 stars in problem-solving and Python on HackerRank
- 3 stars in C on HackerRank
- 2 stars in SQL on Hacker Rank