

# SATHIYANARAYANAN

## SOFTWARE DEVELOPER

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### EDUCATION

#### ARASU ENGINEERING COLLEGE

##### BACHELOR OF ENGINEERING

- MAJOR: Computer Science and Engineering.
- BATCH: 2017-2021.

#### LITTLE FLOWER HR SEC SCHOOL

- BATCH: 2017.

### CONTACT INFORMATION

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GitHub: <https://github.com/Sathiyamarayanan-M>

### PROJECT WORKS

**ENCODER-DECODER** – A web app to decode the encoded text and vice versa using 29 different Cipher Techniques. This app is implemented with Django Framework

- LANGUAGE USED: **Python, CSS and JavaScript.**
- FRAMEWORK: **Django.**
- TOOL: **VS Code.**

### WEB SCRAPPING

- LANGUAGE USED: **Python.**
- API: **Web scraper.**
- TOOL: **VS Code.**

**CROP YIELDING PREDICTION** - A Machine learning model integrated with Django app that will show the prediction rate of the variety of crops various areas.

- LANGUAGE USED: **Python.**
- LIBRARY: **SKLEARN.**
- TOOL: **Jupyter Notebooks.**

### WORK EXPERIENCE

#### BACKEND DEVELOPER / FIREBASE

##### COLLAGE AUTOMATION SYSTEM – MOBILE APP

- An app to digitalize the college works. Staff can able to upload student details and notes in staff console and notes and students can able to view their details and notes. This app is implemented with Flutter Framework and Firebase.

### TECHNICAL SKILLSET

#### LANGUAGES:

- Python, Dart, C# and JavaScript.

#### FRAMEWORKS:

- Django, Flutter, Flask and React.

#### WEB DEVELOPMENT:

- JavaScript and CSS

#### DATABASE:

- Firebase, MySQL and SQL Lite

#### OTHERS:

- Machine Learning, Problem Solving and MS-office

### CERTIFICATION

- **Python 3** Beginner's Bootcamp.
- **Flutter** Advanced Course.
- Diploma in **Computer Application.**
- Inplant Training on Overview of Digital Communication, Optical Fiber concepts and Broadband Technology in BSNL Thanjavur.

### LANGUAGES KNOWN:

- Tamil and English.