

ARATHI M V

Python Developer

CONTACT

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EDUCATION

2022 - 2023
DATASCIENCE AND ANALYTICS
CERTIFICATION

(ICT ACADEMY OF KERALA)

2020 - 2022
MSC STATISTICS WITH
DATASCIENCE

(IMG UNIVERSITY)

2016 - 2019
BSC MATHEMATICS
(UNIVERSITY OF CALICUT)

SKILLS

- Python
- Django
- Flask
- RestAPI
- Data Structures & Algorithms
- System Design
- AWS
- CI/CD
- Git
- GitHub
- SQL (MySQL, PostgreSQL)
- Pandas
- Numpy
- Scikit-learn
- TensorFlow
- PyTorch
- Machine Learning
- Deep Learning

PROFILE SUMMARY

Python Developer with 1+ year of experience in designing scalable backend systems, APIs, and data-driven applications using Django, Flask, and modern ML frameworks. Skilled in system design, cloud deployment (AWS), and automation pipelines (CI/CD). Proven track record in building robust solutions for agriculture tech, including mobile and web apps, machine learning integrations, and high-volume validation tools.

WORK EXPERIENCE

Simplify Agri Pvt Ltd

2023 - PRESENT

Backend Developer

- Inventory QR Code Monitoring Web App** : Implemented QR-based tracking for efficient inventory management.
- Labor Aggregator Project** :
 - Farmers App : Developed intuitive features for farmers to book and manage labor services.
 - Service Provider App : Enabled service providers to manage their offerings and track assignments.
 - Site Supervisor App : Created tools for supervisors to monitor field and workforce performance.
- VFPCK Web & App** : Contributed to both web and mobile platforms for VFPCK, improving agricultural data management.
- Simplify Chatbot App** : Developed a chatbot application to enhance customer engagement and support.
- Online Crop Clinic**: Developed a mobile app for diagnosing crop diseases and providing expert advice to farmers, using Python and Django.

TCS ION

2023

Data Science Intern

- Built classification models to analyze the side effects of drugs.
- Enhanced model performance through machine learning techniques.