

# SHIBINO P ABRAHAM

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## SUMMARY

Enthusiastic and detail-oriented Python Developer with a BTech degree in Computer Science. Solid understanding of Python programming and web development concepts, coupled with hands-on experience in projects utilizing frameworks such as Django and Flask.

## PROFESSIONAL EXPERIENCE

### Software Engineer Trainee (Internship)

Quest Innovative Solutions Private Limited | Ernakulam, Kerala

September 2020 - March 2021

- Developed a web application using Python - Django framework which includes full stack web development, performed a series of unit tests on the existing application, increasing test coverage by 80%.
- Programmed REST API endpoints using SQL & Python, ensuring compliance with security standards and scalability requirements.

## SKILLS

- |                  |             |                 |                   |              |                        |
|------------------|-------------|-----------------|-------------------|--------------|------------------------|
| • Python         | • ReactJS   | • JavaScript    | • SQLAlchemy      | • SQLite     | • Unit Testing(pytest) |
| • Flask          | • HTML      | • JQuery        | • MySQL           | • Git        | • Agile Methodology    |
| • Django         | • CSS       | • OOPS Concepts | • RDBMS           | • REST API   | • Time Management      |
| • Self-Motivated | • Bootstrap | • Debugging     | • Problem-Solving | • Automation | • Positive Attitude    |

## PROJECTS

### IoT Based Autonomous Agricultural Robot:

- Developed an IoT Autonomous Agricultural Robot, a cutting-edge innovation that merges Internet of Things (IoT) technology with autonomous robotics to revolutionize the agricultural landscape.

### Employee Task Tracking and Rating System:

- Implemented a web application using the Python Flask framework for tracking employee tasks and a rating system where this innovative system empowers organizations to streamline and enhance their performance evaluation process.

### Stock Management and Billing System:

- Developed a database-driven warehouse management system in Python that will store the information in the MySQL database, offers a user-friendly interface for businesses to efficiently manage their inventory, generate accurate bills, and streamline the overall retail process.

## EDUCATION

**Bachelor of Technology (B.Tech.)** - Computer Science and Engineering / 7.98(CGPA)

2020

A P J Abdul Kalam Technological University (Kerala)

**Plus Two (HSE)** / 83

2016

**10TH (SSLC)** / 94

2014

## CERTIFICATIONS

- Python Full Stack Developer - QIS Academy
- IBM Certifications on Python with Data science - Cognitive Class
- Web Design from scratch : HTML, CSS, JavaScript, JQuery, Bootstrap - Udemy
- Building Chatbot with LLMs certification from IBM - Cognitive Class
- Complete Python Developer Certification - Udemy
- REST APIs with Flask and Python - Udemy