

# JUSTINE JOSE *Python Django Developer*

✉ justinejose008@gmail.com

☎ 8089530871

📍 Cherthala, Alappuzha, Kerala

🌐 [linkedin.com/in/justinecjose](https://www.linkedin.com/in/justinecjose)

🐙 [github.com/justinecj](https://github.com/justinecj)

## Profile

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A dedicated Python Full Stack Developer with extensive experience in backend and frontend development, database management, and cloud hosting solutions. Proficient in Python, Django, and a variety of modern web technologies, with a strong foundation in software development, debugging, and system performance optimization. Skilled in managing the entire software development lifecycle and collaborating effectively using tools like Jira and GitHub. Passionate about building scalable, user-friendly applications and improving SEO performance through effective documentation.

## Professional Experience


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2024/02 – present  
Kochi, Kerala

### Python Django Developer

*NESA Software Pvt Ltd*

- **TEFA (Telephonic Followup App):**

- Backend: Python Django
- Frontend: HTML, CSS, JavaScript, Bootstrap
- Developed a communication system to streamline student follow-ups, featuring API integration, automated workflows, and Excel data export.
- [https://www.linkedin.com/posts/nesasoftware\\_innovation-telecommunication-reactjs-activity-7232002463686389760-zEjH?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/nesasoftware_innovation-telecommunication-reactjs-activity-7232002463686389760-zEjH?utm_source=share&utm_medium=member_desktop) 

- **Nest CyberCampus Website:**

- Backend: Python Django
- Frontend: HTML, CSS, JavaScript, Bootstrap
- Created a subscription-based platform for students to study courses, incorporating online payment systems, AWS Hosting, API integration, and SQL databases.

- **Vrudhi - Payroll Management System App:**

- Backend: Python Django REST framework
- Designed an employee payment management application for HR, managing payroll and employee details.

- **Business Teller:**

- Developed a SQL query-based maintenance system, including Python scripts for MSSQL data insertion.

- **Micro Manager App:**

- Backend: Python Django
- Built a task management system supporting SMEs, offering end-to-end project lifecycle management and multi-organization support.

- **AVG App:**

- Backend: Python Django
- Implemented a salary management system using document uploads, generating reports, and dashboard analytics.

2023/10 – 2023/12  
Ernakulam, Kerala

### Jr. Python Full Stack Intern

*Inmakes Infotech Pvt. Ltd.*

Focused on developing web applications using Django, with an emphasis on frontend and backend integration.

2023/01 – 2023/06  
Kochi, Kerala

### Python Django Developer Intern

*Irohuh Infotech*

Focused on developing web applications using Django, with an emphasis on frontend and backend integration.

2022/05 – 2022/12  
Thiruvananthapuram,  
Kerala

### Python Backend Developer Intern

*Accubits Technologies Inc*

- Built scalable backend solutions with Python and PostgreSQL.
- Gained experience in using Selenium for automated testing.

## Skills

### Languages & Frameworks

● ● ● ● ●

Python, Django, **Django REST** framework

### Frontend Technologies

● ● ● ● ●

HTML5, CSS, JavaScript, Bootstrap

### Database Management

● ● ● ● ●

MySQL, SQLite, PostgreSQL, MongoDB

### Tools

● ● ● ● ●

GitHub, Postman, Jira

### Cloud Services

● ● ● ● ●

AWS (EC2, S3, SES)

### Data Analysis & Machine Learning

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JSON, Pandas, Numpy, OpenCV, NLTK

### Core Competencies

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REST APIs, OOP, data structures, system performance optimization, Flask

## Education

2016 – 2018

### M.Sc. Computer Science

*University Institute of Technology, Alappuzha*

- University of Kerala
- Percentage - 68.26%
- **Academic Projects**
- **Intelligent Question Answering System:**
- Developed using Python, NLTK, and Scikit-learn.
- Leveraged artificial neural networks to build a smart answering system.
- **Private Cabs:**
- Frontend: Android | Backend: MySQL
- Created an app for cab booking and management.

2013 – 2016

### B.Sc. Computer Science

*University Institute of Technology, Alappuzha*

- University of Kerala
- Percentage - 67.76%
- **Academic Projects**
- **Agent-Based Intrusion Detection System:**
- Frontend: Java | Backend: MySQL
- Designed a system to detect and respond to network intrusions.
- **Employee Administration:**
- Frontend: Java | Backend: MySQL
- Built a comprehensive employee management system.

2011 – 2013

### HSE

- Percentage - 76.00%

2011

### SSLC

- Percentage - 77.00%