

# Arjun O S

## Python Developer

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### About

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Passionate Python Developer with 6 months of experience specializing in **Python, Django, REST APIs**, and full-stack development. A self-learner with **hands-on experience in live projects**, scalable web applications, and database management (**SQLite, MySQL**). Skilled in writing clean, efficient code and thriving in collaborative environments. Always eager to learn, adapt, and take on new challenges to grow as a developer.

### Experience

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**DHRUV 360°**, junior python developer

sept 2024 - jan 2025

- Worked on a **live service-based web application** offering home services like plumbing, electrical repairs, and more.
- Developed and optimized **multiple user roles efficiently**.
- Improved backend functionality, ensuring scalability and smooth data handling.
- Gained hands-on experience in API development, database management (SQLite, MySQL), and user authentication.
- Enhanced skills in building RESTful APIs, debugging, and performance optimization.

**LUMINAR TECHNOLABS**, python fullstack developer intern

sept 2023 – june 2024

- Gained hands-on experience in **Python, Django, REST API, HTML, CSS and JavaScript**
- Worked on multiple Django and REST API projects, enhancing skills in backend development and API integration.
- Strengthened understanding of database management, authentication, and full-stack development.

### Projects

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#### SERVICE CONNECT

[github.com/Arjunos7](https://github.com/Arjunos7) 

- Developed the admin dashboard with **customer management, search functionality, and franchisee addition/removal**.
- Implemented **recent activities tracking, improved service provider details view, and enabled franchisees to block dealers under their management**.
- Contributed to backend security, data management, and performance optimization for scalability.
- The app also includes features like **lead generation, quotation system, advance payments, and service tracking for a seamless user experience**.

#### STUDENT MANAGEMENT APP

[github.com/Arjunos07](https://github.com/Arjunos07) 

- Developed using Django REST API with **separate authentication for Principal, Librarian, and Office Staff**.
- Implemented **role-based access**, allowing the Principal to manage students, library, fees, and users; the Librarian to view students and manage library history; and the Office Staff to manage fees and view library history.
- Optimized API performance for seamless operations, including student management, library tracking, and fee history management, with the Principal having full control over user management.

## CHAT APP USING RESTAPI

[github.com/Arjunos07](https://github.com/Arjunos07) 

- Developed a chat application using Django's built-in authentication system, **ensuring secure user authentication**, session management, and allowing users to register and log in using email, username, and password.
- Implemented API endpoints for **sending text messages between authenticated users, retrieving chat history, and enabling message replies** in a threaded manner to maintain conversation flow.
- Designed an API endpoint to display a user list with details like name, profile image, last message, and last message date, providing an organized and seamless chat experience.

## TECHNICAL SKILLS

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**Languages:** Python,Html,Css,C

**Frameworks:** Django,Django Rest Framework,Bootstrap

**Database:** SQLite,mySQL

**Proficient In:** Data Structures and algorithms,REST APIs,ORM

**Dev Tools:** Visual Studio Code, PyCharm, Git, GitHub, Postman

## Education

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**GRADUATION (BSc Physics)**

2020 – 2023

Mannam Memorial NSS College

(University of Kerala)