

# Raj Palke

Python Developer  
AD IT Consultancy

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## Career Objective

Seeking a challenging and rewarding position in a dynamic organization where my extensive Python development expertise and exceptional analytical and critical thinking skills can contribute meaningfully to the company's goals. With over 2 years of experience in identifying, evaluating, and solving complex technical problems, I am dedicated to continuous learning and unwavering in my commitment to excellence.

## Professional Summary

- Having over 2 years of experience in IT industry and development and implementation of various educational application, management application, Databases using Python, Flask and Django
- Proficient on **Core Python, Advanced Python, OOPs concept, Flask, Django, Web Services with DRF, REST-API, MVT, JSON, Unit test, ORM, Basics of AWS, TDD.**
- Worked on Front-end technology **HTML, CSS, Bootstrap.**
- Flexibility and skill to learn and use new technologies and to work in team.
- Worked on unit tests using Python **unittest** framework on developing application.
- Extensive experience with JSON, implementation of Django object-relational mapping layers, SQLAlchemy.
- Experienced in utilizing various development environments like **PyCharm, Visual Studio Code, Jupyter.**
- Experience in Flask.
- Extensive practical writing experience in writing, optimizing and debugging, functions, view and troubleshooting issues.
- Followed and enhance established processes for software development life cycle with an agile approach to delivery software.
- Experience working within an **Agile/Scrum** workflow.
- Proficient experience in **Object Oriented Programming** concepts of **Python and Django object-relational mapping layers and REST API.**
- Experience with code versioning tools **Git.**
- Consistently delivered exceptional performance improvements in application development and provided expert support for complex technical challenges.
- Good knowledge in a disciplined **Software Development Life Cycle (SDLC)** process and has outstanding analytical, programming, and problem-solving skills.

## Core Competencies

Coding Language	Python, C, SQL
Framework	Flask, Django
Web Designing	HTML, CSS, Bootstrap
Databases	MySQL, Oracle, PostgreSQL
Web Server	WSGI, Gunicorn
Data Analytics Libraries	NumPy, pandas
Project management tools	Atlassian JIRA

Versioning Tool	GitHub
API testing tool	Postman, Django Rest Swagger, Curl, HTTP
Development Tools	PyCharm, Atom, VS-Code, Jupyter
Web Service	REST-API, JSON, DRF (Django Rest Framework)
Operating System	Windows, Linux (Ubuntu)

## Work Experience

Company	AD IT Consultancy
Job Role	Software Engineer
Experience	Oct 2021 - Present (2+ Years)

## Projects

### Project 1: Administrative Empowerment Platform

**Environment:** Python 3.10, Flask, MySQL, Unit test, Postman, Requests, GitHub.

#### Description:

The "Administrative Empowerment Platform" is a web-based application designed to streamline and centralize various aspects of organizational management. It provides a comprehensive and user-friendly platform for businesses or teams to efficiently handle user data, projects, tasks, and collaboration. This system aims to enhance productivity, data organization, and team coordination. This platform consists of different types of modules like Registration and Authentication, Profile Management, Search and Filtering & Data Entry and Management.

#### Roles and Responsibilities:

- Engineered a robust user authentication system, incorporating Flask-Login, and finely tuned role-based access control to ensure security and tailored user experiences.
- Development and Testing of Function Based Views along with the exceptionhandling.
- To write reusable, testable, and efficient code.
- Participation in various aspects of the software development life cycle including design, implementation, unit testing, deployment.
- Involvement in fixing application to ensure timely delivery along with writing unit test cases.
- Designing the database Structure and LLD of few modules.

### Project 2: Human Resources System

**Environment:** Python 3.9, Django, HTML, CSS, PostgreSQL and Pytest.

#### Description:

This project aims to develop a human Resources (HR) system using Python, Django, PostgreSQL, and Pytest. The system will allow HR professionals to manage employee information, payroll, leave management and benefits. Also, HR will be able to handle the hiring process which includes job postings, interview schedule and on-boarding process as well. It will also provide employees with a self-service portal to view their information and make requests.

#### Roles and Responsibilities:

- Understanding the requirements of the project.
- Designing, implementing, and managing the models.
- Determining of the Operational Practicality and implement as per requirement.
- Testing, evaluating new programs and Deploying to the system.
- Upgrade and enhance the application by making Code Changes.
- Maintaining and supporting the system

## Academic Credentials

## Personal Details

Name : Raj Dhananjay Palke  
Address : F-210, K-Ville, Kiwale, Pune-412101  
Date of Birth : 09/01/1998  
Language Known : English, Marathi, Hindi  
MarathiMarital Status : Single  
Nationality : Indian

**Raj Dhananjay Palke.**