

# PRIYADARSHINI R

## PYTHON FULL STACK DEVELOPER

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🔗 https://portfolio-e745.onrender.com/

### CAREER OBJECTIVES

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*Python Full Stack Developer with hands-on experience in Django, Flask, REST APIs, and SQL. Seeking to apply skills in developing scalable web applications and automation solutions while contributing to Agile development teams.*

### Projects

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#### E-commerce App (Django, 2025)

- Developed a full-stack e-commerce platform with user authentication, cart, and checkout system
- Tested with 200+ users; deployed on Render

#### Django CRUD Applications (2025)

- Built multiple CRUD-based systems (**Blog, Library, Student, Hospital**) with role-based authentication, ORM, and REST API integration
- Followed Agile development practices

#### Diabetic Prediction (Flask + ML, 2024)

- Implemented a machine learning model (**Random Forest**) achieving **95% accuracy**
- Enhanced preprocessing pipeline to reduce errors by **12%**; deployed via Flask web app with responsive UI

#### Weather API Application (Django, 2024)

- Designed a Django application integrating **OpenWeather REST API** for real-time city-based forecasts
- Implemented Django views and templates for data rendering

#### Hotel Automation (Selenium, 2025)

- Automated hotel booking workflows with **Selenium WebDriver**
- Created functional validation test cases, reducing manual testing time by **40%**

#### Portfolio Website (2025)

- Built a responsive personal portfolio with contact form and email API integration
- Deployed via **GitHub Pages (CI/CD)** and **Render**

### SKILLS

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#### TECHNICAL SKILLS

- **Frontend:** HTML5, CSS3, JavaScript, Bootstrap, jQuery
- **Backend:** Python (OOP, Django(ORM), Flask, REST APIs, Authentication, API Integration)
- **Database:** MySQL, SQL Server, Oracle, SQL (Joins, Optimization, ORM)
- **Testing & Tools:** Selenium, Unit Testing, Git/GitHub, GitHub Actions (CI/CD), Version Control
- **Deployment:** Render, GitHub Pages
- **Methodologies:** Agile, Responsive Web Design

### ACADEMIC QUALIFICATION

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**Bachelor of Engineering (Computer Science),**  
C.ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY  
Aggregate: 80%

06/2020 – 07/2024

### CERTIFICATES

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- Python Full Stack Development (2025) – Python, Django, Flask, REST APIs, SQL
- Cisco Certified Network Associate (CCNA v7, 2022–2023) – Networks, IP Services, Routing & Switching
- Cybersecurity (2023) – Threat Analysis & Digital Safety