

VENKATAPRASATH SATHYAMOORTHY

No:A511 Radiance The pride
Pallavaram Chennai-600075
+91 8610697312

venkatprasath2004@gmail.com
LinkedIn/venkatprasath

Objective

Motivated and detail-oriented Backend Developer with a solid foundation in **Python and Django**, passionate about building **scalable and maintainable systems**. Eager to contribute to a collaborative team and solve real-world engineering challenges through clean, testable code.

Education

Rajalakshmi Engineering College | Bachelor's Degree
Information Technology 4th year, (7.4/10) CGPA.

Chennai, India | 11/22-05/26

Skills

Technical Skills :

- **Languages:**
Python (proficient), SQL (advanced), JavaScript (basic)
- **Frameworks:**
Django (proficient)
- **Databases:**
PostgreSQL (primary), MySQL (used in projects).
- **Tools & Platforms:**
Git, GitHub, VS Code

Soft Skills :

- Strong problem-solving and debugging abilities
- Quick learner, adaptable to new tools and workflows
- Team collaboration and communication
- Attention to detail and time management

Projects

To-Do List Web App:

Tech Stack: Django, MySQL, HTML, CSS, Bootstrap

- Developed full **CRUD operations** using Django's Model-View-Template (MVT) architecture
- Integrated **user authentication** (sign-up, login, logout) using Django's built-in auth system
- Designed modular and reusable views and templates
- Used MySQL for production-ready relational database storage

GatePass Management System:

Tech Stack: Django, Python, HTML, CSS, Bootstrap, SQLite/MySQL

- Developed a secure web-based system for managing **student/staff gate passes** in institutions
- Implemented **user roles** (admin, security, student/staff) with login-based access control using Django Auth
- Integrated **QR code generation and scanning** for verification at the gate
- Enabled **CRUD operations** for gatepass entries with Django models and views
- Designed a clean, responsive front-end using **HTML, CSS, and Bootstrap**
- Stored and retrieved user data using **SQLite/MySQL**, and optimized queries for faster performance

Certification/Achievement

- **Certified in HTML and CSS** – *Great Learning*
- **Full Stack Python Developer Certification** – *Besant Technologies, Tambaram*
- **Data Structures & Algorithms Practice** – *Solved 100+ problems on LeetCode/GeeksforGeeks*
- **NPTEL Certification** – [*'Entrepreneuership', Incognitive Psychology*]

Languages

- English (Intermediate)
- Tamil (Advanced)
- Telegu (Intermediate)