Chaithra P Pradeepan

Python Developer

✉ chaithrapradeep7896@gmail.com   📞 9562073580

PROFILE

Python developer with practical experience in Django and backend development, delivering real-world solutions for inventory, purchase order, and social media applications. Skilled in Python, Django ORM, and clean backend logic design

SKILLS

Languages — Python, SQL, HTML, CSS, **Frameworks** — Django, Streamlit, **Databases** — MySQL,

Concepts — Backend Logic, Inventory & Workflow Automation, Data Processing, Exception Handling, Role-Based Access

PROFESSIONAL EXPERIENCE

VSPORTS, *Python Developer | Independent Consultant*   11/2025 – 01/2026 | Kannur
Sports Shop Inventory & Sales Management Platform

(Django | Backend-Focused Web Application)

- Built a Python–Django based web application to manage inventory and sales operations for a retail sports shop client.
- Implemented database-driven business logic for product management, stock updates, and sales transactions using Python and MySQL.
- Designed reusable Django models and backend modules for inventory control, sales tracking, and basic report generation.
- Automated stock quantity updates during sales processing to ensure data consistency and accuracy.
- Applied exception handling, input validation, and modular design to ensure reliable and maintainable backend workflows.

Technologies: Python, Django, MySQL, Django ORM, HTML

WAREHOUSE TRADERS,   08/2025 – 10/2025 | Kannur
Python Developer | Independent Consultant
Supplier & Purchase Order Management System

- Built a Python-based backend automation tool for a local warehouse managing suppliers, purchase orders, and stock in Excel sheets.
- Implemented Python logic for purchase order creation, delivery status tracking, and conditional stock updates, ensuring accuracy and preventing duplicate updates.
- Developed modular Python functions to process Excel data, validate inputs, and maintain consistency across stock and supplier records.

Technologies: Python, pandas, openpyxl, Excel

ELEVATE LABS, *Python Trainee*   06/2025 – 07/2025 | Bengaluru
Weather & Air Quality Intelligence Platform

• Developed a real-time weather and air quality intelligence platform for urban users and travelers, providing current conditions, 5-day forecasts, and AQI insights using third-party APIs.
• Designed a data-driven UI with animated weather visualizations and multilingual support to enhance user accessibility.
Technologies: Python, Streamlit, OpenWeatherMap API, REST APIs, Geolocation API

TRAINING & INTERNSHIPS

One Team Solutions, *Internship*   04/2024 – 02/2025 | Kozhikode
<u>Projects:</u>
Social Media Feed & User Engagement Platform
(Django | Full-Stack Web Application)
• Built a full-stack social media platform with scalable user engagement features including authentication, content creation, likes, comments, follower-based feeds, and profile management.
• Designed a personalized feed system displaying posts only from followed users to improve relevance and engagement.
• Implemented secure user authentication, session management, and access control.
• Structured backend using Django ORM and relational database design, enabling efficient querying and data consistency.
• Focused on modular architecture, allowing easy future integration of notifications, messaging, and analytics.
• Styled responsive UI using Bootstrap to ensure cross-device compatibility.
Technologies:
Python, Django, Django ORM, MySQL, HTML, CSS, Bootstrap

Online Assessment & Learning Management System
(Django | Education Technology Platform)
• Developed a web-based assessment platform enabling users to attempt quizzes, receive instant evaluations, and track performance history.
• Implemented automatic scoring and result analytics, reducing manual evaluation effort.
• Designed the system for educational institutions, training centers, and corporate onboarding assessments.
• Ensured clean separation of concerns using Django views, templates, and models for maintainability.
• Built database-driven quiz management supporting multiple question sets and difficulty levels.
Technologies:
Python, Django, MySQL, HTML, CSS, Django Templates

CERTIFICATES

Conceptual Study of Data Science
Electronics and Communication Engineering Department, Vimal Jyothi Engineering College

App Development - Java & Kotlin
Alisons Infomatics Pvt Ltd.

EDUCATION

Vimal Jyothi Engineering College,   2019 – 2023 | Kannur
B.Tech – Electronics and Communication Engineering

Mambaram Higher Secondary School
Biology Science

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge.

Chaithra P Pradeepan
Kannur