HARSHIT TIWARI

Phone: +91 9559745268 | Email: tiwariharshit139@gmail.com

LinkedIn: linkedin.com/in/harshit-tiwari-402018205 | GitHub: github.com/harshit519

Location: Nawabganj, Gonda, Uttar Pradesh, India - 271303

PROFESSIONAL SUMMARY

Python Developer and Software Engineer with hands-on expertise in Odoo 17 custom module development and Django full-stack web application development. Proficient in ERP customization, ERP development, business workflow automation, Python ORM, XML and QWeb view design, RESTful API development, API integration, and Django REST Framework (DRF). Experienced with Linux and Ubuntu environments for local Odoo development and deployment, Odoo CLI, Python unit testing, OAuth2 integration, role-based access control (RBAC), and secure backend engineering. Skilled in building scalable, maintainable web applications with responsive Bootstrap UIs. Familiar with Odoo functional modules including Sales, CRM, and Inventory. Actively seeking a Python Developer, Odoo Developer, or Django Developer role to deliver impactful software solutions.

KEY SKILLS

Odoo Development
Odoo, Odoo 17, Odoo ERP, Custom Module Development, ERP Customization, ERP Development, Business Workflow Automation, ERP Integration, Python ORM, models.Model, XML Views, Form View, Tree View, Kanban View, QWeb, QWeb Templates, QWeb Reports, Wizards, TransientModel, Computed Fields, api.depends, api.onchange, api.constrains, api.model, Many2one, One2many, Many2many, Relational Fields, Field Types, Odoo CLI, Module Install, Module Upgrade, Module Scaffold, Module Debugging, Module Migration, Odoo Sales, Odoo CRM, Odoo Inventory, JSON-RPC, Odoo RPC, Odoo Community

Python and Django
Python, Python 3, Django, Django REST Framework, DRF, Django ORM, RESTful API, REST API, API Development, API Integration, Web API, Object-Oriented Programming, OOP, MVC Architecture, MVT Architecture, Django Authentication, Django Middleware, Django Views, Django Models, Django Forms, OAuth2, Session Management, Unit Testing, unittest, Python unittest, Test-Driven Development, BeautifulSoup, Web Scraping, Data Extraction, Requests, hashlib, Python Decorators, Backend Development, Server-Side Development, Application Development

Web and Frontend
HTML5, CSS3, JavaScript, jQuery, Bootstrap, Bootstrap 5, Django Templates, XML, QWeb, Responsive Design, Responsive Web Design, Frontend Development, Full Stack Development, Web Development

Databases
PostgreSQL, SQLite, Django ORM, SQL, Relational Database, Database Design, Database Modeling, Data Persistence, Database Management, Structured Query Language, Query Optimization

APIs and Security
REST API, RESTful API, JSON-RPC, OAuth2, Google OAuth2, Role-Based Access Control, RBAC, Access Control, HTTP, Web Protocols, API Testing, Postman, Secure Authentication, Password Hashing, Session Management, CSRF Protection, Data Security, Secure Coding

Tools and DevOps
Git, GitHub, Version Control, Linux, Ubuntu, Windows, Odoo CLI, Postman, Command Line Interface, CLI, Software Development Life Cycle, SDLC, Agile Development, Debugging, Code Review

Core Competencies
CRUD Operations, Full Stack Development, Backend Engineering, ERP Solutions, Software Engineering, Problem Solving, API Design, Module Development, Technical Debugging, Clean Code, Code Maintainability, Scalable Architecture

PROJECTS

Personal Health Management Module — Odoo 17 | *Python | Odoo ORM | XML | QWeb | TransientModel | Linux | unittest*
- Architected and developed a custom Odoo 17 ERP module from scratch on Linux and Ubuntu, following Odoo module structure, manifest configuration, and software engineering best practices
- Defined a custom model using models.Model with Odoo field types including Float, Date, and Char; implemented computed fields using api.depends for real-time BMI and Age auto-calculation with correctly chained ORM lifecycle hooks and dependency declarations
- Built a Wizard using TransientModel for guided BMI input flow and designed Form View, Tree View, and QWeb report template using Odoo XML for data entry and printable health output
- Implemented BMI categorization business logic — Underweight, Normal, Overweight — using api.constrains; wrote Python unit tests using unittest to validate all computed field logic and deployed module via Odoo CLI scaffold, install, and update commands

SecureVault KYC — Identity Verification Platform *| Django | DRF | REST API | RBAC | SQLite | Bootstrap | Postman*
- Engineered a full-stack secure KYC web application using Django and Django REST Framework with role-based access control (RBAC), RESTful API design, and complete user lifecycle management
- Developed and tested RESTful API endpoints for user registration, document upload, validation, and verification using Postman; implemented secure password hashing using Python hashlib and normalized SQLite relational database models
- Built a responsive Bootstrap 5 frontend with dynamic Django templates for login, registration, profile management, and document submission with CSRF protection

E-Commerce Price Tracker — Web Scraping Application *| Django | Python | BeautifulSoup | Requests | Web Scraping*
- Developed a full-stack Django web application to scrape and display real-time product prices from Amazon and Flipkart using Python Requests and BeautifulSoup with HTML parsing pipeline; implemented complete Django authentication including registration, login, logout, and session management

Recipe Management Platform *| Django | Python ORM | Bootstrap | CRUD | Search & Filter*
- Developed a full-stack Django application with complete CRUD operations using Django ORM, recipe search and filter by name, image upload, form validation, and a responsive Bootstrap dashboard

Google Sign-In App — OAuth2 Integration *| Django | OAuth2 | Session Management | CSRF | Middleware*
- Integrated Google OAuth2 into a Django application — full authorization code flow including consent screen, callback handler, and token exchange — with auth-guarded views, secure session management, Django middleware configuration, and CSRF-protected redirect-based authentication

EDUCATION

Bachelor of Technology (B.Tech) *| Bundelkhand University, Jhansi, Uttar Pradesh | 07/2020 – 06/2024*
Intermediate (Class XII) *| Udaya Public School, Ayodhya, Uttar Pradesh | 04/2019 – 03/2020*
High School (Class X) *| Udaya Public School, Ayodhya, Uttar Pradesh | 04/2017 – 03/2018*

CERTIFICATIONS

- Python Basic — HackerRank | hackerrank.com/certificates/2c6ea9a3f77b
- Python Essentials 1 — Cisco Networking Academy | Credly Verified