Vamshi Krishna Thodeti

Backend Developer   🔗 [Portfolio](#) | 🔗 [LinkedIn](#) | 🔗 [GitHub](#)

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PROFESSIONAL SUMMARY

Backend Developer with 1.6+ years of experience in Python, Django, and REST API development. Expertise in building secure, scalable web applications, managing databases, and deploying production-ready projects using Docker and Railway. Skilled in API design, role-based access control, and system optimization.

TECHNICAL SKILLS

- **Backend Development:** Python, Django, Django REST Framework (DRF), FastAPI
- **Database:** PostgreSQL, SQLite
- **Authentication & Security:** JWT Authentication, Django Security Best Practices
- **DevOps & Deployment:** Railway, Docker, Render, AWS, GitHub
- **API Development:** RESTful APIs, Postman Testing, Swagger
- **Task Queues & Background Jobs:** Celery + Redis
- **Operating System:** Windows , Linux (Ubuntu, Pop!_OS, Fedora, Mint)

PROFESSIONAL EXPERIENCE

Backend Developer

AG Consulting Services Pvt Ltd – Hyderabad, India   Aug 2023 – Present
- Developed RESTful APIs with Django REST Framework, optimized ORM models, and ensured JWT-based authentication.
- Deployed applications on Docker & Railway, ensuring CI/CD best practices.

✔ClientSync API – CRM Data Syncing Backend (for a Nexlify Solutions)
- Built Django REST APIs for CRM data syncing with JWT security and external API integration.
- Implemented Celery + Redis for background job processing, improving sync efficiency by 20%.
- Applied rate limiting and logging for API usage monitoring and error handling.
- Collaborated via GitHub (PRs, reviews) and deployed on Railway.

✔InvoicePro – Billing & Invoice Management System (for an Aarush Medical Supplies Pvt Ltd)
- Secured sensitive environment variables using python-decouple for enhanced security.
- Developed billing functionalities, including invoice creation, PDF generation, email dispatch, and analytics dashboard.

✔Gas Utility Service Request Management System (Internal Simulation)
- Built and tested secure authentication APIs with JWT and token blacklisting, Implemented RBAC for Customer, Support, and Admin roles, Designed and integrated PostgreSQL schemas with Django ORM, Used Postman and Swagger for testing and documenting APIs, Followed Agile workflow with GitHub version control and weekly feature delivery.

✔**Jewelry Inventory System – Inventory Management (for a HIYA Retail Chain)**

• Designed and implemented role-based access control (RBAC) for Super Admin, Store Admin, and Salesperson. Built REST APIs for real-time sales, stock, and vendor tracking.

SELF-DRIVEN EXPERIENCE

✔[Instagram Post Fetcher & X.com Auto-Poster](#)

• Built a Django application to retrieve Instagram posts, summarize captions using **BART**, and post updates to X.com using **Tweepy**.

• Utilized **Selenium** and Requests for web scraping, with fallback handling for API limits.

✔[AI-Powered Voice Bot](#)

• Developed a voice bot with Django using **OpenAI** Whisper (**STT**), Hugging Face Transformers (**NLU**) **Pyttsx3**(**TTS**) and **GPT-2** for intelligent responses.

• Extensively tested APIs using Postman for integration readiness.

✔[Travello](#) **– Dynamic Travel Website**

• Built a travel website using Django for backend and PostgreSQL for robust database management.

• Implemented login, registration, and admin panel for content management.

✔[Wikipedia Search](#) **– Web-based Search Application**

• Developed a search application using HTML, CSS, and JavaScript to fetch and display results from Wikipedia API.

• Enabled users to dynamically fetch and display search results in a structured format.

✔[Bus Inventory](#) **– Bus Information Management System**

• Created a Django-based application to manage bus information with CRUD functionalities.

• Developed RESTful APIs using DRF to interact with bus data programmatically.

✔[Food Munch](#) **– Responsive Food Store Website**

• Developed a responsive website for a food store using HTML, CSS, and Bootstrap Grid.

• Displayed a list of food items and provided detailed information on each item.

EDUCATION

🎓 **Bachelor of Technology (B.Tech) in Computer Science**
JNTUH University, Hyderabad, India
Graduation: 2023, CGPA: 7.0

🎓 **Polytechnic(Diploma) in Computer Science**
V.M.R polytechnic, Warangal, India
Graduation: 2020, CGPA: 6.8

CERTIFICATIONS

🏆 Python Full stack- NXTWAVE Institution

🏆 Postman API Fundamentals Certification

🏆 AWS Certified Cloud Practitioner – In Progress

ACHIEVEMENTS

• I anchored my senior's farewell party in B.tech and received a memento for it.

• Winner Won internal appreciation for quality deliverable.