Yadhu Krishnan PS

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Professional Summary

Full-Stack Developer skilled in Python, Django, React, and REST APIs with hands-on experience deploying scalable applications on AWS, Vercel, and GCP. Proficient in Celery, Redis, and WebSocket for real-time systems, with expertise in integrations such as Razorpay, Google OAuth, and Dockerized deployments. Transitioned from accounting to tech through self-learning and project work, bringing strong analytical thinking, precision, and business awareness to software development.

Technical Skills

- **Languages:** Python, JavaScript, HTML, CSS, SQL
- **Frameworks/Libraries:** Django, Django REST Framework, FastAPI, React.js, LangChain
- **Backend & Database:** Django ORM, PostgreSQL, Redis
- **Cloud/Deployment:** AWS (EC2), Vercel, GCP, Docker
- **Integrations:** Razorpay, Google OAuth, Celery (Async Processing), WebSocket
- **Tools:** Git, GitHub, Postman
- **Practices:** RESTful APIs, JWT Authentication

Work Experience

Accountant cum Manager   *Aug 2021 – Dec 2023*
Capital Petroleum and Spiceway Enterprises Pvt Ltd, Kerala

- Managed financial records and budgeting with 100% accuracy.
- Supervised daily operations and led a team, improving workflow efficiency.

Projects

Bit Code – Real-time Coding Battle Platform   **Live Demo: bitcode.live**
Tech Stack: Python, Django, React.js, PostgreSQL, Celery-Beat, Redis, Docker, WebSocket

- Built scalable backend and REST APIs enabling real-time coding battles for users.
- Designed WebSocket + Redis Pub/Sub architecture to support low-latency communication.
- Implemented **ELO-based ranking system** for fair matchmaking.
- Added **community-driven question contribution** to grow the platform collaboratively.
- Developed a **custom compiler** with 3-language support (Go, Js, Python).
- Built multiple modes: **timed**, **ranked**, **1v1**, **squad/team battles**, and **public/private rooms**.
- Optimized async task handling with Celery + Redis for better server performance.

BoomBlog – FastAPI Blog Application   **Live Demo: blog.yadhuu.live**
Tech Stack: FastAPI, PostgreSQL

- Developing blog platform with modular REST APIs.
- Implemented endpoints for posts, comments, and user management with JWT auth.
- Leveraging async processing to handle concurrent requests efficiently.

Time Twist – E-commerce Website
Tech Stack: Django, PostgreSQL, Razorpay, HTML, CSS, Google Auth

- Improved user onboarding with Google OAuth-based authentication.
- Delivered fully responsive UI with HTML, Bootstrap & CSS, ensuring mobile-first experience.

Education

Full-Stack Development Bootcamp   *Apr 2024 – Present*
Brototype, Kerala

- Intensive hands-on bootcamp focused on Python, Django, React.js, REST APIs, and deployment.
- Built multiple real-world projects including e-commerce platforms, real-time systems, and API-driven applications.
- Strengthened skills in software architecture, version control (Git/GitHub), and cloud deployments.

Bachelor of Commerce (B.Com)   *2018 – 2021*
Mahatma Gandhi University, Kerala

- Specialized in accounting and financial analysis. Transitioned into software development via self-learning.