

PRADIP KUMAR SUTAR

Work Mode: Remote (Preferred) | Hybrid/On-site
(PAN India)

Senior Backend Developer (Python/Django)

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■ GitHub: <https://github.com/pradip-sutar>

Professional Summary

Results-driven Senior Backend Developer with 3.5+ years of experience building and scaling backend systems across Real Estate, ERP, and IoT domains. Proficient in Python, Django, and RESTful API development with hands-on experience in cloud deployment, containerization, and CI/CD automation. Adept at leading teams, optimizing performance, and delivering maintainable, production-grade systems.

Key Achievements

- Boosted API performance by 60% using optimized MongoDB queries and Redis caching.
- Reduced system latency by 40% with asynchronous task processing and caching layers.
- Led backend design for Real Estate ERP and Pharma Retail POS — ensuring scalability and modular architecture.
- Implemented CI/CD pipelines via Docker and GitLab for zero-downtime deployments.
- Mentored junior developers, improving code quality and delivery speed.

Technical Skills

- Languages: Python, C
- Frontend: ReactJS (GenAI assistance)
- Frameworks: Django, Django REST Framework, FastAPI
- Databases: PostgreSQL, MongoDB, Redis, MySQL, SQLite
- DevOps & Cloud: Docker, AWS, GitLab CI/CD, Jenkins, Azure
- Tools: Git, Postman, Linux, MQTT
- Concepts: System Design, Microservices, API Architecture, Caching, Async Processing

Professional Experience

VichaarLab — Python Backend Developer / Tech Lead (Sept 2024 – Present)

- Leading backend architecture for Real Estate ERP and Pharma POS platforms; responsible for API design, scalability, and data integrity.
- Developed scalable REST APIs and containerized microservices using Docker for modular deployments.
- Improved backend efficiency with Redis caching and asynchronous task queues for high-volume workloads.
- Collaborated with DevOps to implement CI/CD pipelines and automated release workflows.
- Supervised and mentored a 4-member backend team; introduced coding standards and performance benchmarks.

Bariflo Cybernetics — Python Backend Developer (Aug 2023 – Sept 2024)

- Developed IoT analytics dashboards with Django for real-time sensor data visualization and alerts.
- Enhanced data retrieval by 40% through optimized MongoDB operations, indexing, and caching strategies.
- Implemented containerized deployment pipelines with Docker and GitLab CI, enabling consistent releases.
- Collaborated with QA and DevOps teams for automation, performance testing, and monitoring.

Aveti Learning — Django Developer (Jun 2022 – Aug 2023)

- Built and tested secure RESTful APIs for education platforms, ensuring proper authentication and data validation.
- Worked on database schema design and optimized queries to support multi-tenant data access patterns.

Key Projects

- RealEstate_ERP** — Backend for property management: project lifecycle, budgeting, milestone tracking, lead-to-buyer workflows, unit allocation, document approvals, and RERA compliance. Built REST APIs consumed by web and mobile portals.
- Pharma Retail POS** — End-to-end retail system handling supplier coordination, inventory management, billing, sales reporting, and customer management. Integrated caching and async tasks for transaction-heavy operations.
- Aquaculture IoT Dashboard** — Real-time farm monitoring using MQTT and sensor integrations (temp, pH, DO). Implemented data ingestion, aggregation, analytics, and visualization for actionable insights.
- GIS Automation** — Remote sensing platform for water quality assessment; automated calculation of parameters from satellite data and dispatched worker tasks via Telegram bot integration.

Education

Bachelor of Technology in Electrical and Electronics Engineering