

Devi Prasana Mishra

Software Developer | Python | Django | Angular | MySQL | AWS S3 | Backend Systems

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PROFESSIONAL SUMMARY

Software Developer with 2+ years of experience building scalable backend systems using Python and Django for healthcare, inventory management, client onboarding, and financial reporting. Proficient in MySQL and PostgreSQL database design, AWS S3 cloud integration, REST API development, Angular dashboards, and agentic AI-assisted development. Experienced delivering enterprise-grade solutions at PDCloudEx for Metropolis Healthcare and Medall Corp. Demonstrated ability to reduce operational inefficiencies, automate data pipelines, and implement role-based access control (RBAC) systems.

TECHNICAL SKILLS

Programming Languages: Python, SQL, JavaScript

Frameworks & Libraries: Django, Django REST Framework, Angular, REST API Development

Databases: MySQL, PostgreSQL, Database Design, Query Performance Tuning

Cloud & DevOps: AWS S3, Cloud Storage Integration, Secure File Handling

Security: Role-Based Access Control (RBAC), Authentication & Authorization

Domain Expertise: Healthcare IT, SCM, Client Onboarding, Inventory Management, Financial Reporting

Tools & Practices: Agentic AI, Workflow Automation, Agile Methodology, Git

PROFESSIONAL EXPERIENCE

Software Developer — Medall Client Channel Onboarding (Medall Corp) | PDCloudEx, Remote

June 2026 — July 2026

- Developed the Medall Client Channel Onboarding platform — Angular dashboard with Django REST APIs for partner and client channel registration at onboard.medallcorp.in.
- Implemented multi-step onboarding workflows with validation, approval flows, and real-time status tracking for onboarding requests.
- Built role-based access control for channel partners and admins with audit trail for onboarding actions.
- Integrated onboarding logic with Medall Corp business rules and access policies; deployed production platform using agentic AI-assisted development.

Software Developer — Stock Management System (Metropolis Healthcare) | PDCloudEx, Remote

May 2024 — Present

- Architected Python/Django backend logic for a multi-hub real-time stock management system, enabling live inventory tracking across 10+ laboratory hubs and reducing stock discrepancies by 30%.
- Optimized daily consumption tracking workflows and improved inventory visibility across a multi-tier laboratory network, supporting operations teams in monitoring stock movement across 5+ facility levels.
- Developed and executed complex MySQL scripts to aggregate sub-project stock values into a consolidated master budget, eliminating manual reconciliation and improving financial calculation accuracy.
- Implemented barcode scanning integration and automated consumption-tracking workflows, reducing manual stock entry dependency by 40%.
- Led end-to-end resource activation deployment for 15+ new laboratory centers, automating synchronization with the central inventory database within 24 hours of center onboarding.

Software Developer — Test Code Costing Module (Metropolis Healthcare) | PDCloudEx, Remote

December 2023 — May 2024

- Integrated AWS S3 for secure, scalable cloud storage of monthly diagnostic datasets, enabling automated upload and retrieval workflows for 35+ laboratory hubs and reducing data retrieval time by 50%.
- Built Python automation scripts to ingest and process 35+ monthly Excel files from laboratory hubs, cutting manual data consolidation effort by 60%.
- Developed staff management and user authentication system with role-based access control (RBAC), enforcing data security across 3 distinct permission levels.
- Implemented month-wise financial calculation backend logic, transforming raw diagnostic data into structured financial reports.
- Engineered upload activity tracking and audit reporting features, improving compliance visibility across all user submissions.

EDUCATION

Bachelor's Degree, Information Technology 2019 — 2022
Veer Surendra Sai University of Technology (VSSUT), Burla

Diploma, Information Technology (81.5%) 2016 — 2019
Uma Charan Pattnaik Engineering School

CERTIFICATIONS

- AWS Academy Graduate — Cloud Foundations — Amazon Web Services (2021)
- Build Responsive Website Using HTML5, CSS3, JS And Bootstrap — Udemy (2022)
- Complete Android Developer Course — Android 11 with Java — Udemy (2022)
- Python Programming Complete Beginners Course Bootcamp 2022 — Udemy (2022)
- NDG Linux Unhatched — Cisco Networking Academy (2022)