SANSKAR SONI

BACKEND & CLOUD ENGINEER | Python, Django, Java, Azure

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Last working day at CKP: 30 Oct 2026 | Available from 31 Oct 2026 | Open to remote roles

PROFESSIONAL SUMMARY

Backend and cloud engineer delivering production multi-tenant SaaS, resilient APIs and Azure workloads. Hands-on ownership from backend design and performance tuning to CI/CD, deployment and production support. Strong in Python/Django, PostgreSQL, Redis and asynchronous processing; additional Java/Spring Boot development experience.

TECHNICAL SKILLS

Languages & Frameworks: Python, Java 21, SQL, TypeScript, Django REST Framework, Spring Boot 3, REST APIs
Cloud & DevOps: Azure App Service, Azure Functions, Service Bus, Blob Storage, Azure Database for PostgreSQL, Azure Cache for Redis, Docker, GitHub Actions
Data & Reliability: PostgreSQL, Redis, multi-tenancy, tenant isolation, background jobs, idempotency, retries / DLQ, correlation IDs, API performance
Security & Testing: JWT, OAuth 2.0, RBAC, Spring Security, Flyway, JUnit 5, Mockito, Testcontainers, Git

PROFESSIONAL EXPERIENCE

Full Stack Developer | CKP Software Technologies, Bengaluru | Nov 2025 - 30 Oct 2026

- Developed and operated a production multi-tenant survey SaaS serving **100+ active users**, supporting survey authoring, panel management, respondent qualification, incentives, reporting and exports.
- Engineered **30+ Django REST APIs** backed by PostgreSQL with tenant-scoped access, authentication / OTP, role-based permissions, licensing and device-binding workflows.
- Shifted long-running publish, update and export operations to **Azure Functions + Service Bus**, introducing correlation IDs, idempotency, retries and dead-letter handling to reduce synchronous API bottlenecks.
- Scaled panel processing from **15-20 to ~5,000 members** and reduced a 500-response CSV export from **2-3 minutes to ~10 seconds** through query / workload optimization.
- Managed Azure deployments and production troubleshooting across App Service, PostgreSQL, Redis Cache and Blob Storage; automated release workflows using GitHub Actions.

Full Stack Intern | CKP Software Technologies, Bengaluru | Jul 2025 - Oct 2025

- Built a Spring Boot / PostgreSQL College ERP for admin, faculty, students and parents; implemented **20+ secured REST APIs**, JWT-based access control, Flyway migrations and React integration.

SELECTED PROJECTS

Gloria POS | Java 17, Spring Boot, PostgreSQL, React, TypeScript, Capacitor

- Built restaurant / hotel billing and inventory workflows, room service, GST-ready receipts and Android packaging using Capacitor; integrated BLE / USB thermal printing with PDF fallback.

Hyperlocal Commerce Platform (In Development) | Java 21, Spring Boot 3, PostgreSQL, Redis, Docker

- Developing a modular commerce backend; implemented API validation, structured error handling, correlation-ID logging, JPA / Flyway persistence and Testcontainers integration tests. Designing transaction-safe checkout and idempotent payments.

EDUCATION

Master of Computer Applications (MCA) | REVA University, Bengaluru | 2023 - 2025
B.Sc. Information Technology | Amity University, Jaipur | 2020 - 2023