

# Sankalp Sachin Pimpalkar

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## Summary

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Full-stack developer with a strong backend focus and hands-on experience building scalable web applications and RESTful APIs using Django, DRF, Nodejs and Nextjs. Passionate about clean architecture, containerization, and developing real-world solutions in the finance domain.

## Experience

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### 1. Full Stack Developer - SuperCeuticals - May 2024 - April 2025

- Designed and developed scalable web applications using **Nodejs** for backend development.
- Built and integrated **RESTful APIs** to support frontend functionality and ensure smooth data communication.
- Implemented backend logic, **authentication**, and **database models** to support secure and efficient operations.

### 2. Full Stack Developer - UnifyXperts - August 2025 – October 2025

- Implemented REST APIs in Frappe** to handle configurations and automate token refresh, ensuring reliable backend operations.
- Validated incoming records via APIs** and inserted only non-duplicates into **MariaDB**, improving data integrity and performance.
- Collaborated** with and guided teammates on **data flow** and database workflows, enhancing development efficiency.

## Projects

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### [Finsense](#) - Financial Management Backend | Node.js, Express, MongoDB, JWT

- Deployed at **M.K.N. Higher Secondary School, Bhopal**, to streamline financial operations, securely tracking and auditing over **₹3 Crore INR** worth of transactions with high reliability and accuracy.
- Designed a scalable backend architecture ensuring **100% data integrity** across user roles and transaction workflows, supporting **multi-user financial operations**.
- Implemented structured transaction tracking and audit logging, enabling visibility into **all user actions** and supporting compliance in role-based systems.

### [S3 Storage](#) - React, AWS S3, Multipart Upload, Credentials-Based Auth

- Engineered a web-based S3 file manager supporting secure login, folder creation, and file preview—enabled uploads of files up to **10GB** with real-time progress tracking using AWS S3 multipart upload.
- Developed a modular React interface that mimics native file managers, improving usability and reducing upload errors by **60%** through instant feedback and structured result views.
- Implemented credential-based authentication flow, ensuring **100% secure** access control to AWS resources without exposing permanent credentials in the frontend.

### [Banking System API](#) - Django, DRF, JWT

- Engineered a **secure RESTful** banking API using Django and Django REST Framework (DRF), supporting user registration, authentication, and session management via token-based login/logout flows.
- Developed CRUD and transactional endpoints** for core banking operations: deposit, withdraw, and transfer, ensuring atomic operations to prevent race conditions and overdraft errors.
- Leveraged **Django's built-in permissions and serializers** to enforce access control and ensure secure data serialization/deserialization across all API routes.

## Skills

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**Languages:** Python, JavaScript, C, C++.

**Backend:** Django, DRF, Frappe, Node.js, Express, Flask, MongoDB, MariaDB, PostgreSQL, Postman, Vercel, Cloudinary.

**Frontend:** React, Next.js, Tailwind CSS, Redux, React Native, Figma.

**DevOps:** Linux, Docker, Git, GitHub, Render, AWS S3.

## Education

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**Terna Engineering College, Navi Mumbai** – Bachelors in Mechatronics Engineering

November 2026