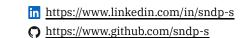
Sandeep Sharma

Software Engineer

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Summary

Full-stack developer with 3+ years of experience building modular, scalable, and production-grade systems across fintech, SaaS, and support tooling. I care deeply about clean code, developer ownership, and meaningful collaboration. Recently worked on integrating LLMs into real-world workflows via external system integrations.

Skills

Languages & Frameworks

FastAPI, React, Node.js

Python, JavaScript, SQL, Django,

Web & App Development

HTML, CSS, SCSS, Flux, Zustand, Jotai, Electron.js, Chrome Extensions API

Tools & Infrastructure

Docker, Git, Linux, Redis, Celery, Postman, AWS

Other Skills

Cross-platform development, API integration, Background task processing

Experience

Avvott Inc March 2025 - Present Software Engineer

LLM-Orchestrated System Automation

- Built real-time backend services enabling LLMs to perform multi-step, context-aware tasks using live user input and system state.
- Contributed to the architecture and development of MCP-Server, a middleware layer for orchestrating external system actions.
- Developed integrations with platforms like Google Calendar, ServiceNow, and PetPooja, automating real-world workflows through typed, unified APIs.
- Improved platform interoperability and reduced integration overhead across use cases.

Tech Stack: Python, FastAPI, Celery, SQL, Docker, React.js, Next.js, LLM fundamentals

LenDenClub May 2023 - Apr 2024 Mumbai Software Developer

Role-Based Access Control (RBAC)

- Built a microservice for managing user and service-level access across apps and dashboards.
- Migrated to JWT-based authentication, adding token expiry and refresh flows for better security.
- Integrated with a **React frontend** for seamless auth flows across the stack.

Bank Statement Management System

- Designed and developed a standalone service for uploading bank statements via files, net banking, or OTP login.
- Enabled multi-tenant support with partner-specific config options.
- Built a lightweight UI for admin workflows and submission tracking.

URL Shortener

- Rewrote a legacy service as a **Python package**, allowing teams to manage short URLs independently.
- Reduced deployment complexity by eliminating shared dependencies.

Tech Stack: Python, Django, FastAPI, Celery, SQL, Docker, React.js

Souk Aug 2022 - Mar 2023 Frontend Engineer Remote

Reporting Application

- Built a desktop app (Electron.js) to automate and deliver reports to WhatsApp contacts.
- Used **Python scripts** to fetch and preprocess data before rendering into report templates.

Sales & Support Platform

- Developed a web app for managing tasks, notes, and client interactions.
- Implemented a Kanban board (react-dnd), data grid (TanStack Table), and a rich text editor.
- Added support for various media types (text, images, docs, videos) to streamline workflows.

WhatsApp Chrome Extension

- Built a **Chrome extension** that injected platform tools into **WhatsApp Web**.
- Integrated a Python-based backend API to sync chat-linked notes and attachments in real time.

Design System & Reusability

- Created a shared components library to enforce design consistency and speed up frontend delivery.
- Maintained build scripts and development tooling using Python and Bash.

Tech Stack: Python, SQL, React.js, HTML, CSS, SCSS, Electron.js, Docker, WhatsApp Business API, Chrome Extensions API

Mar 2021 - Feb 2022 Accenture Associate Software Developer Remote

Cloud Migration & Secure Integration

- Migrated a legacy reporting system to Azure Cloud, reducing infra cost and maintenance effort.
- Rewrote key workflows as Python scripts to support cloud-based automation and reporting.
- Built a PoC using Azure Key Vault for secret management; adopted across teams to improve security. Fixed HTML rendering issues affecting report generation, ensuring a smooth online experience.
- Collaborated on secure deployment practices and integrated key/config rotation into CI/CD.

Tech Stack: Python, Azure Key Vault, SQL, HTML, CSS, JavaScript

Education

University of Mumbai Information Technology

Bachelor of Engineering

Languages **English** Hindi 2016 - 2020