

Sameer Chauhan

Scalability, DevOps, Design and Research.

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EXPERIENCE

Extension Technologies, Faridabad — *Developer*

June 2021 - PRESENT

Implemented Order Management System Mobile App in Flutter with python based frappe framework as a backend from scratch with 75% offline functionality:

- The OMS mobile app covers both the B2C and B2B perspective, including catalog view with variant, category, stock, trending, and offers options with the functionality of placing orders, wishlist management, user management, order tracking with live location and minimum tap view.
- Backend of the OMS app includes proper order management with organization flow that involves dispatch users, accounts users and reports for insights.
- Event driver Notifications are sent to the customer, dispatch user, accounts person and the Admin.
- Also Insights and heat maps are being analyzed for the app using PostHog.

Working on Lead Management System Mobile App in Flutter with python based frappe framework as a backend and offline based model:

- The LMS app includes lead creation, lead assignment, scheduling meetings and follow ups, calendar view and quote creation, negotiation, and approvals from seniors.
- Backend of the app includes an Erp SAAS solution with reports.
- Relevant notifications are received by the user according to the workflow.

Transforming the company (Internal Work):

- Implementation of the testing cycle: developer implementing and using erpNext clone of a particular server using docker —> Deployment of code to gitlab —> review process by the senior in gitlab —> testing of change by senior/tester using another erpNext clone using docker —> once approved - auto-deployment to main server through gitlab CI/CD pipeline.
- Deploying multiple tools and giving training to employees on how they can utilize the new tool in their workflow. Tools like Gitlab, Portainer for container management, CI/CD pipeline of auto-publishing for mobile apps, Grafana for server monitoring, InfluxDB for API monitoring, Posthog for user interaction tracking, Haproxy for load-balancing, Docusaurus for documentation.

SKILLS

Team Management

Creativity

Research

Adaptive to new tech and UX design

TL;DR

Python [Tkinter, Frappe]

JS [React, React-Native, node, express and many more libraries]

Java

C, C++

Web dev

Flutter

Linux

SQL

MongoDB

Docker

Nginx

Haproxy

DB Administration
[Optimization, Indexing, Clustering, Sharding]

Extension Technologies, Faridabad— Intern

February 2021 - May 2021

- Implemented Ticketing System Mobile App (Support Management) in React-native from scratch, that includes dashboards of daily tasks/tickets, ease to connect with customer using multiple integrations like call, SMS, and whatsapp integration, GPS based Attendance, Inventory Management with part ordering, Sales Inquiry from Technicians, status updates of ticket to technicians using notifications.
- Implemented ErpNext functionalities like GPS location based Attendance system.
- Integrated ErpNext cordova application with Firebase and otp based login using Karix SMS API provider.
- Understanding the architecture of Frappe and its apps.
- Implemented multiple integrations in ErpNext like ShipRocket, Bluedart Courier, XpressBees Courier, Amazon SP-API, ECOM Courier, Shopify, and WareIQ Logistics using REST and GraphQL API.

EDUCATION

Ch. Ranbir Singh State Institute of Engg. & Technology, Jhajjar — B.Tech (Computer Science)

2018 - 2022

St. John's School, Faridabad— 12th and 10th

2004 - 2018

C.B.S.E board, with 85% in 12th and 8.4 CGPA in 10th.

- Won prizes for Inter School Movie Making Competitions.
- Won prize for Inter School Digital Poster Making Competition.
- Participated in CBSE State level Athletic Championship and won medals in Annual Sport meet of school.

PROJECTS

Website Development — Designed Multiple Websites for Companies

GlobusIndia: <https://globusindia.github.io>

IdealFab: <https://idealfab.github.io>

Tkinter Python — Designed multiple projects using Tkinter Python for Linux, Windows, and Mac

- 1.) ChatAPP
- 2.) BlackJack Game: with Animations and Sounds.
- 3.) Text Editor: can highlight and recognize multiple programming languages.

Linux Shell Scripting — Written Multiple Shell Scripts in Linux

- 1.) samba__server__script: Automation of setting up samba server with users.
- 2) Info: A script using Dialog, to show basic sys internals info.
- 3.) Backup
- 4.) Monitoring Disk Space

Frappe Attachment S3 — Open source Frappe Digital Ocean Spaces Attachment Integration

Frappe app to make file upload automatically and read from Digital Ocean Spaces.

Frappe Virtual Doctype — Open source Frappe customized app for JSON and mongodb

Virtual Doctype functionality to reduce database load using JSON or mongodb as virtual database.