

Shubham Nere

Systems Architect | Python Backend Developer | 5+ years

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Me as a Tech-Professional

I have been working with people in different segments of business and profession for the last **5+ years**. I have had work on the thought process of the business man and the start-up founders from a technology perspective.

- Participated in all Agile Scrum ceremonies: **Sprint planning, Daily stand-ups, Sprint reviews**, and retrospectives to ensure smooth project delivery.
- **Collaborated with cross-functional teams (QA, frontend, Product owners)** during daily stand-ups to resolve blockers and refine user stories.
- **Contributed to sprint estimation and planning by breaking down backend tasks and providing story point estimations.**
- **Worked closely with Product Owner during backlog refinement** to prioritize and clarify requirements

Experience & Knowledge

Languages - Python | JavaScript | HTML | CSS | XML | Bash

Frameworks / Libraries -

- **Django** [5+ Years]- **Django Rest, Django ORM, Querysets**, Django **ELS**, Hosts, Daphne, **Channels**(notifications), **Signals**, Knox, JWT, all-auth, sessions, threads.
- Android [1 Year] , Bootstrap, JQuery, AJAX , Flask, FastAPI

Databases -

- **MySQL, PostgreSQL**
- **Firebase** - Realtime Database, Cloud Firestore
- Redis | **Elastic Searches** (ELS - Volume indices)

Tools & Platform -

- **Jira, Click-Up, Docker** CLI / Docker Desktop, **Celery**, Jenkins(beginner)
- **Firebase Cloud, FCM, Figma**, Sketch, Whimsical, PyTest, Postman, **Linux**, Mac OS, Windows

Cloud/DevOps-

- AWS - **Server configuration and deployments, EC2**, RDS, Load Balancing, S3 Bucket, etc.
- Digital Ocean droplet configuration / Deployments / App Platform

CI/CD -

- Github, Gitlab
- Git Branching wrt. Task design, **Git strategy management** as per requirements.

Other Skills -

- **Python Microservices** Design and Deployment, **Websockets - Async Communication**
- **Data Migrations** - Manual (Excel/ CSV/ SQL) and python Scripting / (Multi Schema Migrations)
- Payment Gateway, Escrow Systems, 3rd party Integrations
- Designing, Prototyping, Wireframing, UI Feature, UX management, Feature's Heat maps analysis
- **Sprint Design and Management, Project Architecture and Management**
- **Product Management**, Project management, Collaboration, Work Distribution & Synchronization, Technical documentation, **Requirements & Budget Negotiation**

- Roles & Responsibilities

- **Collaborate with the product owner** to gather requirements and delegate in **team sized 10** Individuals from freshers to 4 years experience
- Led cross functional teams of **25+ Engineers** in technical Planning and execution.
- Set and **Manage the project architecture**, introduce and align the new tech implementations and finish tasks with the help of team
- **Git Branching** - Align the task and subtask branches, Manage Git Graph, Git strategy making for other projects
- **Worked closely with the Devops team** for deployments, Helped configure backend servers
- Trained the freshers for project development
- Plan and achieve **Majors, Minors, Patches, Hot fixes, etc.** activities

- Notable Project / Modules

LOS (Loan Origination System - 6K+ Daily Active Users) : Basically the project is about the **Lending system for HFCs & NBFCs**. Where in Loan Case it flew across Lead, QC, LAN, Dedup, FI, Legal, Technical, RCU, ROI, Financial Approval Final Approval, Docket, CRMU, Disbursed. With multiple Data points collection at various stages and move loan cases to and fro with some complex scenarios.Its made as for internal **company usage & SaaS Product** with flexible data validations.

- Setup modules with User & UserAuth, Permissions, Customer, Loan, Bureau, etc with low Coupling & High cohesion
- Designed **Database Schema** as per ACID properties to ensure **schema scalability** wrt **Time domain and Data Domain**
- Masters Centralized Application and Deployment
- Live Chat & Loan Case information Module - WebSockets (ASGI)
- Elastic Searches (Free Searches)
- Firebase Realtime Syncing (SQL to NoSql, NoSql to SQL)
- 3rd Party integrations- Server side testing
- **Pulse Data Migrations** (Different DB Schema Migration) - Fundamental execution was to shift the Loan Cases wrt. to stages from Pulse data from LOS(i.e. Pulse 2.0) to an existing platform known as Pulse. Used Post save signals to populate data to the destination database. Used celery workers with redis.

Technologies	Team Size	Duration
Django, DRF - Rest API's, WebSockets, Firebase, Elastic Search, SQL, Redis, Celery	11	24 Months

- Achievements

- Token of appreciation for putting extra efforts([🔗 Link](#)) [December 2024]
- Awarded for Innovative Execution([🔗 Link](#)) [March 2024]
- Led Tech Transfer Program

- Roles & Responsibilities
 - **Collaborate with clients & to gather requirements** and design systems, **Manage Overall IT Infrastructure.**
 - Advice on Business **SOP's**
 - Budget Negotiations on project as per requirement and complexity man-hours.
 - Hire right people for tech team for project execution
 - **Define Project Architecture, review code, Deploy On AWS, Digital Ocean.**
 - **Task Delegation to Developers**

- Notable Project / Modules

Atomex EV (IT Infra) : A comprehensive web-based platform designed to streamline and manage all aspects of operations for an E-Bike business. The system includes modules for managing products (E-Bikes), accessories, support staff, sales teams, dealers, customer orders, and transactions. Each user is assigned specific roles and responsibilities, with data access and actions governed by a robust authorization and role-based access control system.

Key Features

- Dealer and sales staff onboarding and management
- Support ticket system for after-sales service
- Customer dashboard for order tracking and account management
- Real-time transaction tracking and reporting
- Multi-panel access (Admin, Dealer, Support, Sales, Customer)

Technologies	Team Size	Duration
Django, Bootstrap(Jinja), Ajax, Jquery, PostgreSQL	7	10 Months

GreySpace : A centralized web application developed to streamline and manage all construction and architectural services under one unified system. The platform facilitates efficient collaboration and communication among various stakeholders involved in construction and design projects.

Key Features

- Centralized management of construction and architectural workflows
- Role-based access for different stakeholders:
 - Constructors – project execution and site progress updates
 - Designers – design management and document uploads
 - Legal Professionals – contract handling and compliance
 - Architects – planning, approvals, and supervision
 - Admin – overall platform management and reporting
- Document and file management for drawings, approvals, and legal documents.

Technologies	Team Size	Duration
Django, Bootstrap(Jinja), Ajax, Jquery, PostgreSQL	5	10 Months

Wonderzone POS, Sales/Revenue Analytics Dashboards :

- **Counter Ticket Billing Software** : Developed a robust ticket billing system for on-ground counters, optimized for speed and accuracy. Features include real-time sales tracking and streamlined user interface for staff operations with well justified UI UX.

- **Sales Analytics Dashboard** : Designed and implemented an interactive dashboard to monitor sales performance across different channels. Includes visual insights, daily summaries, and exportable reports for business intelligence.
- **Trampoline Park Website with Online Ticket Booking** : Built a responsive and user-friendly website for a trampoline park, integrated with a seamless online ticket booking system. Supports slot-based reservations, automated confirmations, and customer notifications. Integrated secure payment gateways.

Technologies	Team Size	Duration
Django, Bootstrap(Jinja), Ajax, JQuery, PostgreSQL	4	14 Months

Some Small Scale Projects - Buzzeasy, Digital Menu Systems , Covid Resource Tracker

- Achievements
 - Drove cross-functional synergy across multiple business segments.([Link](#)) [April 2022]

Spwebconnect. (Business Development Executive - Hybrid [1 Year])

- Roles & Responsibilities
 - Lead Generation & Prospecting local Business individuals and startups
 - Understand ground level requirements
 - Client Outreach & Relationship Building
 - Proposal & SRS Documentation
 - Collaborations with the Digital Marketing Agencies

Personal Information

Full Name - Shubham Bhausahab Nere
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Educational Information

Bachelor of Engineering - Information Technology

MVP's KBTCOE Nashik, SPPU

Diploma - Information Technology

MVP's RMS Polytechnic Nashik, MSBTE