

Muhammed Sanin

[LinkedIn](#) | [GitHub](#)

Python Developer | Django + React Developer

Email: Muhdsaninwork@gmail.com | Phone: +91 9207258831

Technical Skills

Frontend	:	HTML/CSS, JavaScript, React JS, TanStack Query, Redux Toolkit, Bootstrap, Tailwind, WebRTC, WebSocket
Backend	:	Python, Django, Django REST Framework, REST API, ORM (Object Relational Mapper), Django Channels, Celery, Celery Beat, Redis, Daphne, JWT(Jason Web Token)
FAMILIAR	:	Figma, PresignedURL, Google reCAPTCHA, Google OAuth2, Paypal API, Razorpay API, SMTP
DevOps and Cloud	:	AWS EC2, Git, Github Actions, CI/CD, Nginx, Amazon S3
Databases	:	PostgreSQL, SQLite
DOCUMENTATION & TESTING : Swagger (drf-yasg, drf-spectacular), Postman, Thunder Client, Unit Testing		

Projects

E-Learning Platform

[LIVE LINK](#)

An E-learning platform built with Django REST Framework and React.js, featuring live classes with real-time interaction, secure course management, seamless payments, and live notifications, providing an engaging and efficient learning experience.

- Implemented **CI/CD pipelines** with **GitHub Actions** for automated integration, testing, and deployment, enhancing efficiency and reliability.
- Implemented user authentication with **JWT**, **Google OAuth**, and **reCAPTCHA** for secure and efficient login with bot protection.
- Developed live classes with real-time video streaming and chat using **WebRTC**, and **WebSockets** for interactive learning.
- Implemented course browsing with **Razorpay** integration, admin-approved course management, and secure media uploads via **pre-signed URLs** to **Amazon S3**.
- Developed a live notification system with real-time updates using **WebSockets**, **Celery** for async tasks, **Celery Beat** for scheduling, and **Django signals** for automation.
- Optimized **AWS** deployments by improving **EC2** scalability and reducing deployment times, ensuring efficient resource utilization and performance.

- Implemented state management using **TanStack Query** for efficient data fetching and caching, **Redux** for centralized state control, and **Axios** for seamless API communication.
- Experienced in **Agile development methodologies** and **version control using Git** for efficient collaboration, iterative development, and code management.
- Implemented **PostgreSQL** as the database for reliable, scalable, and efficient data management in web applications.

COZASTORE

[GitHub](#)

Developed a feature-rich e-commerce platform using Django with the MVT architecture, incorporating Bootstrap for a responsive and user-friendly design.

- Implemented user authentication with email verification using **SMTP** for secure account activation and access control.
- Implemented product browsing with **wishlist** management, **add-to-cart** functionality, **search**, and **categorization**, along with secure payment integration using **PayPal**.
- Implemented product management with inventory auditing to ensure accuracy, consistency, and efficient stock tracking.
- Developed an advanced sales metrics dashboard displaying total orders, available products, and user insights for data-driven decision-making.

Mini Projects

ECO GROVEKICKS

[GitHub](#) | [LiveLink](#)

Developed a full-featured e-commerce website for shoe purchases, including a seamless shopping experience for users and an admin interface for managing products, tracking revenues, and analyzing sales performance.

Technologies Used : React.js, Java Script, Tailwind CSS

Task Management System

[GitHub](#)

Developed a backend API for task management using Django REST Framework, featuring authentication, CRUD operations, and robust error handling for secure and efficient task management.

Technologies Used : Django REST Framework, JWT for authentication, Swagger for documentation

Experience

Python Django + React Full Stack Developer

Bridgeon Solutions LLP, Kerala

2023 - Present

Education

Indira Gandhi National University

Bachelor of Commerce (2022 – Present)