

Muhammed sanin

Python Django + React Full Stack Developer

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Skills

EXPERTISED

- Python
- Django
- Django REST Framework | REST API
- ORM (Object Relational Mapper)
- HTML/CSS/Bootstrap
- JavaScript
- React JS
- Redux Toolkit
- Git
- OOPs

FAMILIAR

- JWT
- AWS
- Nginx
- Gunicorn
- Figma
- Django Channels
- WebSocket
- Celery
- Redis
- CI/CD
- WebRTC
- TanStack Query
- Daphne
- Unit Testing
- Presigned URL

DATABASES

- PostgreSQL
- SQLite

API DOCUMENTATION & TESTING

- Swagger (drf-Spectacular)
- Postman

Professional Experience

Python Django + React Full Stack Developer, Bridgeon Solutions LLP

12/2023 – present | Malappuram

- Improved code efficiency by 70% as a **self-taught full-stack developer** through continuous learning and the implementation of emerging technologies.
- Engineered and sustained full-stack web applications with **Python, Django, PostgreSQL, and React**, achieving a 35% boost in project efficiency.
- Orchestrated version control and collaboration with **Git** and **GitHub**, reducing code conflicts by 15%.
- Designed and implemented scalable **RESTful APIs** using **Django Rest Framework (DRF)**, enabling seamless integration with front-end applications and reducing latency by 25%
- Refined React state management and data fetching with **Redux** and **Tanstack Query**, reducing API calls by 30% and boosting responsiveness by 40% for a smoother user experience.
- Drove innovation and elevated project efficiency by 35% through Self-driven **research** and **adoption** of emerging technologies, continually expanding technical expertise.
- Augmented **PostgreSQL** queries and schema designs, resulting in a 50% improvement in database performance for high-traffic applications.

Projects

BRIDGEON E-LEARNING PLATFORM ↗

Engineered a high-performance E-Learning platform leveraging Django Rest Framework and React, Yielding a 35% increase in student satisfaction.

Django Rest Framework | React | AWS Hosting | CI/CD Integration | Agile Methodologies | WebSockets | Django-Channels | Presigned URL | Unit Testing

- **User Authentication :** Incorporated **JWT** token-based authentication and **Google OAuth**, enhancing user security and reducing unauthorized access by 90%.
- **Live Classes :** Integrated real-time communication features, including live chats and video streaming using **WebSocket, Django-Channels, and WebRTC**, increasing engagement by 30% among beta users.
- **Courses Browsing :** Developed an e-commerce platform for students with **Razorpay** integration, enhancing user experience and boosting product sales by 35%.
- **Course Management :** Structured a course management system mandating admin approval for tutor submissions, enhancing content quality control by 40%. Used **Pre-signed URLs** for secure media uploads, enhancing security and efficiency by 30%.
- **Notification :** Implemented **Celery** for asynchronous email notifications, alongside **Django Channels** for **real-time updates** and **Celery Beat** for scheduled notifications, enhancing communication efficiency and user engagement by 30%.
- **AWS Cloud Optimization :** Experienced in deploying **AWS** applications, enhancing **EC2** scalability by 40%, and cutting deployment times by 25%.
- **State Management :** Optimized state management by implementing **Tanstack Query** and **Redux**, improving application load times by 25% and reducing state management complexity by 40%.
- **CI/CD Pipeline Implementation :** Boosted the development process by introducing **CI/CD pipelines**, reducing deployment time by 50% and minimizing manual intervention.
- **Agile Collaboration & Version Control :** Collaborated in an **Agile environment** with a cross-functional team of 3 developers, delivering features on time and increasing sprint velocity by 15% through continuous improvement. Utilized **Git for efficient version control**.
- **Asynchronous Optimization :** Executed **Daphne** and **Gunicorn** to improve handling of asynchronous tasks, enhancing HTTP request efficiency by 30%.

COZASTORE ↗

Launched a High-Performance E-Commerce Platform with Django to improve user experience through optimized speed and reliability, achieving a 30% increase in user satisfaction.

GitHub Repository :- <https://github.com/sanin6969/COZASTORE-using-python-django> ↗

Features

User Module :

- **User Authentication :** Implemented email verification via SMTP, enhancing security by 90%.
- **Product Browsing :** Devised core functionalities such as wishlist management, add-to-cart, search, and product categorization, demonstrating a 25% increase in simulated user interaction
- **Payment Integration :** Integrated PayPal to handle secure online payments for Purchasing, ensuring a secure transaction process and increasing payment completion by 90%.

Admin Module :

- **Advanced Sales Metrics for Admin :** Heightened the admin dashboard with detailed sales metrics such as total orders, available products, total users, leading a 25% boost in data-driven decision-making accuracy
- **Product Management :** Executed a comprehensive audit of inventory processes, identifying and rectifying inconsistencies that enhanced product accuracy rates by over 30%

Eco-Grovekicks (MINI-Project) ↗

Github Repository :- https://github.com/sanin6969/Eco_GroveKicks ↗

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

Developed E-commerce Website for Shoes purchases, and an admin interface to manage products and track revenues.

Education

Bachelor of Commerce (B.Com),
Indira Gandhi National Open University
 2022 – present | Delhi, India

Languages

English | Malayalam | Hindi