MUHAMMED ANSAS.P.T

✉ muhammedansas566@gmail.com 📞 9946969883

📍 kerala,kozhikode 🔗 github.com/muhammedansas

PROFESSIONAL EXPERIANCE

Python Django + React Full Stack Developer,,
Bridgeon Solutions LLP
Malappuram

- Improved code efficiency through continuous learning and the adoption of emerging technologies as a **self-taught full-stack developer**.
- Engineered and maintained full-stack web applications with **Python, Django, PostgreSQL**, and **React**, significantly enhancing project efficiency.
- Led version control and collaboration efforts using **Git** and **GitHub**, minimizing code conflicts.
- Designed and implemented scalable **RESTful APIs** with **Django Rest Framework (DRF)**, optimizing integration with front-end applications and reducing latency.
- Enhanced React state management and data fetching with **Redux** and **Tanstack Query**, improving responsiveness and providing a smoother user experience.
- Drove innovation and elevated project efficiency through **self-driven research** and the **adoption** of emerging technologies, continually expanding technical expertise.
- Optimized **PostgreSQL** queries and schema designs, improving database performance for high-traffic applications.
- **Enhanced Application Security** by incorporating best practices for authentication, authorization, and data protection, ensuring a robust defense against potential vulnerabilities.

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

PROJECTS

BRIDGEON E-LEARNING PLATFORM ⬈
Engineered a high-performance E-Learning platform leveraging Django Rest Framework and React, significantly enhancing 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.
- **Live Classes:** Integrated real-time communication features, including live chats and video streaming using **WebSocket**, **Django-Channels, and WebRTC**, increasing engagement among beta users.
- **Courses Browsing**: Developed an e-commerce platform for students with **Razorpay** integration, enhancing user experience and boosting product sales.
- **Course Management**: Structured a course management system requiring admin approval for tutor submissions, improving content quality control. Used **Pre-signed URLs** for secure media uploads, enhancing security and efficiency.
- **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.
- **AWS Cloud Optimization**: Experienced in deploying **AWS** applications, improving **EC2** scalability and reducing deployment times.
- **State Management**: Optimized state management by implementing **Tanstack Query** and **Redux**, improving application load times and reducing state management complexity.
- **CI/CD Pipeline Implementation**: Streamlined the development process by introducing **CI/CD pipelines**, reducing deployment time 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 through continuous improvement. Utilized **Git for efficient version control.**
- **Asynchronous Optimization**: Implemented **Daphne** and **Gunicorn** to improve the handling of asynchronous tasks, enhancing HTTP request efficiency.

VOGUE CLOTHS SHOP ⌕

Launched a high-performance E-Commerce platform with Django to improve user experience through optimized speed and reliability, significantly enhancing user satisfaction.

GitHub Repository :- https://github.com/muhammedansas/Django-Vogue.git ⌕

Features
User Module :
- **User Authentication**: Implemented email verification via SMTP, enhancing security.
- **Product Browsing**: Developed core functionalities such as wishlist management, add-to-cart, search, and product categorization, improving user interaction.
- **Payment Integration**: Integrated PayPal to handle secure online payments, ensuring a secure transaction process and increasing payment completion.

Admin Module:
- **Advanced Sales Metrics for Admin**: Enhanced the admin dashboard with detailed sales metrics such as total orders, available products, and total users, improving data-driven decision-making accuracy.
- **Product Management**: Executed a comprehensive audit of inventory processes, identifying and rectifying inconsistencies to enhance product accuracy rates.

BABYSHOP(MINI-PROJECT) ⌕
Github Repository :- https://github.com/muhammedansas/React-baby_shop ⌕
Technologies :- React.js, Java Script, Tailwind CSS
Developed E-commerce Website for Baby Products Purchases, and an admin interface to manage products.

LANGUAGES	EDUCATION

LANGUAGES

- English

- Malayalam

EDUCATION

Bachelor of Commerce (B.Com),
Pantheerankavu PVS Arts and Science College
2020 – 2023 | Kozhikode, India