

MISHAL UMMER AREEKKEN

FullStack Developer | Python Developer

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Professional Experience

Python Django + React Full Stack Developer,
Bridgeon Solution LLP

2023 Nov – present

- Built full-stack project with **Python, Django, Django REST framework, PostgreSQL**, and **React**, increasing efficiency by 80%.
- Enhanced state management with Redux and React Hooks, improving state handling efficiency by 85%.
- Coordinated team collaboration using Git/GitHub, reducing integration issues by 15%.

Projects

Hotel Management System

Created a high-performance e-commerce platform using Django, enhancing user experience with speed and reliability, resulting in a 70% increase in user satisfaction

Github

Repository:-, https://github.com/MishalAreekkan/Resort_Management ↗

- Technology :- HTML, CSS, Material UI, Python Django, PostgreSQL, SMTP
- Integrated Functionalities: Features user authentication, booking systems, discounts, and PayPal payment integration.
- **AWS Hosting:** Deployed on AWS with EC2 for hosting, RDS for database management, and S3 for storage, improving deployment efficiency by 70%.
- **Custom User Model:** Created a custom user model with registration, login, and role-based access, improving user management efficiency by 90%.

Skills

Back-End

- Python
- Django Framework
- Django REST Framework | REST API
- Django ORM
- MVC/MVT Architecture
- OOPs

Front-End

- HTML
- CSS
- JavaScript
- React
- Redux
- Bootstrap
- Tailwind css

DataBase

- PostgreSQL
- SQLite3

Familiar

- CI/CD
- Amazon (AWS)
- EC2, RDS, S3, IAM
- Nginx
- Gunicorn
- Git
- Chart JS
- Postman
- Swagger
- Pytest (Unittest)
- Daphne
- Celery
- Redis
- Channels

- **Room Booking System:** Developed a room booking system allowing users to browse rooms, make reservations, and access special pricing, increasing booking rates by 85%.
- **Dining Options:** Implemented dining options categorized by meal times, resulting in a 65% increase in dining reservations.
- **Payment Integration:** Integrated secure PayPal payments with automated email confirmations, reducing payment processing time by 75%.
- **Admin Management:** Developed admin features to manage room/dining options, bookings, and view history, improving admin efficiency by 80%.

BABY SHOP

- Designed a responsive frontend with React, CSS, and Bootstrap, increasing mobile traffic by 30% and improving user experience by 25%.
- Enhanced product discovery by 80% through personalized search algorithms.
- Boosted user engagement by 65% with optimized navigation. Increase the shopping cart process, resulting in a 30% rise in conversion rates.
- Reduced unauthorized access by 25% through effective user management.

ChitChat social media (Ongoing), Full-Stack Developer | AWS Hosting, CI/CD Integration | Agile Group Project

- Engineered a full-scale chat application leveraging AWS services: EC2 for scalable server hosting, S3 for efficient media storage, and Nginx for load balancing.
- Upgraded state management by implementing React, React Query, Redux and reducing state management complexity by 40%.
- Boosted the development process by introducing CI/CD pipelines, reducing deployment time by 50% and minimizing manual intervention.
- Planned and led the integration of real-time features, including WebSocket for live group chats and chatbots, aiming for a 20% increase in user engagement.
- Implemented Daphne and Gunicorn to improve handling of asynchronous tasks, enhancing HTTP request efficiency by 30%.

INTEGRATIONS

- Paypal API
- Twilio API
- Cloudinary
- JWT (Json Web Token)

Languages

- English
- Hindi
- Malayalam

Education

Mahatma Gandhi University

2018 Aug – 2022 Jun

The Cochin College

Bsc Zoolgy

Ernakulam, India