ANSHAD U K

Django + React Developer | Python Developer

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⟳ 100+Leetcode

SKILLS

EXPERTISED

- Python
- Django
- Django REST Framework | REST API
- ORM (Object Relational Mapper)
- MVT Architecture
- HTML/CSS/Bootstrap
- JavaScript
- React JS | TanStack Query
- Redux Toolkit
- Git | GitHub | Version Control System
- OOPs

FAMILIAR

- AWS
- Daphne
- RDS
- CI/CD
- Figma

DATABASES

- PostgreSQL
- SQLite
- MySQL

INTEGRATIONS

- Paypal API | Razorpay API
- Twilio API | SMTP
- JWT (Json Web Token)
- Amazon S3
- EC2 | Nginx
- Gunicorn
- Redis
- Celery
- Django Channels
- WebSockets | WebRTC
- PresignedURL
- reCAPTCHA | Sign in with Google

API DOCUMENTATION & TESTING

- Swagger (drf-yasg)
- Postman
- Unit Testing

PROFESSIONAL EXPERIENCE

Django + React Developer Intern,
Bridgeon Solution LLP
December 2023 – present

- **Created and maintained 3+ full-stack web applications**, utilizing Python, Django, PostgreSQL, and React, boosting project efficiency by 30%.
- **Enhanced project delivery timelines** by **20%** through active participation in **daily scrums** and **weekly reviews**, with a focus on goal alignment and prioritization.
- **Reduced code conflicts by 15%** through **proactive version control** and efficient collaboration using **Git** and **GitHub**.
- **Contributed to self-learning and skills development**, increasing personal productivity and project innovation by **10%**.

System Support Engineer,
Agricultural Wholesale Market
March 2022 – December 2023

- **Collaborated with IT teams on system upgrades**, improving system performance by **20%** and minimizing downtime by **15%**.
- **Trained 50+ users** on system usage, increasing productivity by 100% and reducing operational errors by 80%.

Commercial Apprentice,
Kerala State Pollution Control Board
October 2017 – August 2018

- **Provided IT support to 200+ employees**, resolving 90% of issues on the first contact, leading to a 25% increase in user satisfaction.

Software Development Trainee,
Primal Codes Technologies Pvt Ltd
February 2016 – August 2017

- **Explored and executed** over 5 new technologies, resulting in a 20% boost in coding efficiency by **automating tasks**, **reducing development time**, and enhancing code quality.
- Participated in training sessions to learn PHP programming language, including syntax, features, and best practices.

PROJECTS

E-Learning Web (Ongoing)
GitHub Repository :-Backend ⬀ | Frontend ⬀
Technologies:- DRF, JWT, TanStackQuery, Swagger API, Channels, WebSocket, WebRTC, Celery, Redis, AWS
Developed features :-

- Built a comprehensive **e-learning platform** with a user-friendly **UI**, enabling over 10 users to browse, purchase, and access live classes, courses, and educational materials seamlessly.
- **Optimized Data Synchronization**: Leveraged **TanStack Query** for faster data handling, achieving a 30% reduction in **load times** and a 45% improvement in user interaction quality.
- Strengthened platform security using **JWT authentication**, **reCAPTCHA** to block 99% of spam attempts, and **Google Sign-In**, enabling a secure login experience for 85% of users.
- **Integrated Razorpay payment gateway**, achieving a 95% success rate in transactions and increasing student engagement for premium courses and live sessions.
- Improved code quality and reliability with **OMR** for 20% faster code execution and **unit testing** covering 90% of the codebase. Established **CI/CD pipelines** for automated integration and deployment, reducing deployment time by 50%.
- **Accomplished real-time chat and video streaming** with **WebRTC**, **WebSockets**, and **Django Channels**, enhancing user collaboration by 25%.
- Secured media storage with **AWS S3 presigned URLs**, cutting data retrieval times by 20%, and improved overall responsiveness with **Celery** and **Redis** for Executed 50+ background tasks daily.
- Documented over 20 API endpoints with **drf-spectacular Swagger**, streamlining development and maintenance.
- Deployed on **AWS EC2,**leveraging **Nginx** and **Gunicorn** for high scalability, ensuring 99.9% uptime.Integrated **SMTP** for mail OTP, and **Redis** for real-time capabilities.

Hospital Management Website
GitHub Repository :- HMS ⬀ .
Technologies:- Django, DRF, JWT, Swagger API.
Developed features :-

- Maximized **REST Pagination**, cutting dataset response times by 30% and improving API efficiency with **Django REST Framework**.
- **Achieved JWT authentication**, reducing unauthorized access incidents by 20%.
- **Automated email verifications and notifications** using **Django SMTP** and **signals**, improving verification success by 95%.
- Operated **API documentation with Swagger**, increasing documentation accuracy by 30% and error detection by 25%.

MINI PROJECTS

Orga - An E-Commerce Platform for Vegetables
Github Repository :- Orga ⬀
Technologies :- HTML, CSS, JS, Tailwind, Django, PostgreSQL, Nginx, Gunicorn, AWS

Baby Cart E-commerce Website
GitHub Repository :- Baby Cart ⬀

EDUCATION

Master of Computer Application (GPA: 8.03 / 10.00), *University of Calicut*
December 2015

Bachelor of Science in Computer Science (GPA: 3.19 / 4.00), *University of Calicut*
April 2012

ACHIEVEMENTS

LeetCode 100 Days Badge 2024 ⬀

AWARDS

Best Performer of the month - April 2024,
Bridgeon Solutions LLP