MUHAMMED SHAMMAS TK
Python Django Developer

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🌀 https://shammas01.github.io/my-site/

💼 PROFESSIONAL EXPERIENCE

Python Developer Intern   01-2023 – present | Calicut, India
Bridgeon Solutions
- Developed and maintained web applications using Python and the Django framework, ensuring high-quality code and adherence to project requirements.
- Built RESTful APIs using Django Rest Framework, leading to a 25% improvement in data exchange efficiency between frontend and backend systems.
- Gained hands-on experience with Object-Relational Mapping (ORM) techniques for efficient database interactions in PostgreSQL.
- Acquired proficiency in the Model-View-Template (MVT) architectural pattern, enabling effective separation of concerns in web development.
- Leveraged Bootstrap framework, and CSS for designing visually appealing and responsive user interfaces, enhancing user experience.
- Gained experience on Amazon Web Services (AWS), utilizing services such as Amazon S3 for scalable storage, EC2 instances for hosting, and RDS for efficient database management.

Office Manager   10-2021 – 12-2022 | Calicut, India
Sujitra Pvt Ltd
- Tracked records and data of staff, maintaining an organized and efficient system that reduced data retrieval time by an average of 10 minutes per query.
- Generated weekly reports on sales and purchase activities, which contributed to a 12% increase in informed decision-making and a 8% boost in sales efficiency.
- Implemented process improvements that enhanced office efficiency, resulting in a 20% reduction in operational costs over the course of one year.

📂 PROJECTS

WorkoutWares - Gym Application
Django,PostgreSql,Bootstrap,AWS
- **E-commerce Functionality**: Developed a comprehensive e-commerce system where users can seamlessly purchase gym memberships and fitness products, promoting a one-stop-shop experience for fitness enthusiasts.
- **Monthly Workout Plans:** Designed and integrated monthly workout plans, enabling users to access structured fitness routines tailored to their goals and fitness levels.
- **Secure Payment Processing**: Utilized Razorpay for secure and convenient payment processing, ensuring users' financial transactions are safe and reliable.
- **User Authentication**: Implemented robust user authentication features, including email verification, password reset, and password change functionalities, enhancing account security and user experience.
- **Cloud Hosting on AWS:** Successfully deployed the project on Amazon Web Services (AWS) infrastructure, utilizing services like Amazon S3 for storage, EC2 for compute resources, RDS for database management, and IAM for user access control. This cloud-based setup ensures scalability and reliability.

SkillUpLab
Django,API,PostgreSQL,ORM
- **Tutor Verification & Course Management:** Developed a robust e-learning platform using Django Rest Framework (DRF), focusing on backend architecture to enable user registration, verification, and management functionalities, ensuring secure tutor onboarding after admin verification.
- **User-Centric Learning:** Integrated user-centric features allowing tutors to create, manage, and showcase courses along with live session scheduling within their profiles, fostering seamless content sharing and interactive learning experiences.
- **Swagger API Documentation:** Integrated Swagger for streamlined API documentation, aiding future development and user-friendly exploration.

- **Efficient Backend Focus:** Focused on backend API documentation and exploration by integrating Swagger, providing comprehensive and accessible documentation for API endpoints, and facilitating ease of use and future development.
- **GitHub Hosting & Version Control:** Hosted and maintained the project on GitHub, ensuring collaborative development and version-tracked code.

🎓 EDUCATION

Web Development using Django + API
Bridgeon solutions
01-2023 – present

BBA
Calicut University
07-2018 – 03-2021 | Calicut, India

Higher Secondary Education
Chennamnagallur HSS
2015 – 2017 | Calicut, India

🧩 TECHNICAL SKILLS

Language

- Python
- JavaScript
- SQL

Backend

- Django
- Django Rest Framework
- RestAPI
- JWT

Frontend

- HTML
- CSS
- Bootstrap

Databases

- PostgreSQL
- MySQL
- MongoDB

🌐 LANGUAGES

English

Hindi

Malayalam