Mohammed Yassin Ck

Python Django Full-Stack Developer

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in LinkedIn   ⌗ Github

💼 PROFESSIONAL EXPERIENCE

Python Developer intern   02/2023 – present | Calicut
Bridgeon Solution

- Created a strong understanding of the core concepts and principles of Python Django Framework and its application in building web-based solutions.
- Built RESTful APIs using Django Rest Framework, leading to a 90%+ improvement in data exchange efficiency between frontend and backend systems.
- Established extensive hands-on experience with Object-Relational-Mapping (ORM) techniques for efficient database interactions in PostgreSQL.
- Leveraged Bootstrap framework, and CSS for designing visually appealing and responsive user interfaces, enhancing user experience.
- Acquired foundational knowledge of React, a popular JavaScript library for building user interfaces.
- Attained a solid grasp of essential React ecosystem tools like Redux, React Router and React Hooks.
- Mastered the basics of SQL syntax, including creating tables, querying data and performing basic CRUD operations.
- Obtained 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.

📂 PROJECTS

Human Resource Management System
Python Django, PostgreSQL, Bootstrap, AWS

- **Project Overview:** Developed an advanced HR Management System to optimize operations, enhance communication, improve productivity, and automate payroll.
- **Enabled Secure Access:** Integrated Twilio for OTP-based mobile authentication and BruteBuster to security by blocking repeated unsuccessful login attempts.
- **Role-based Authorization:** Implemented role-based access control to ensure department-specific access, promoting a streamlined HR approach.
- **Utilized AWS Cloud:** Deployed on AWS, utilizing Amazon S3 for storage, EC2 for compute, RDS for databases, and IAM for access control, ensuring scalability and reliability.

🧠 SKILLS

- Proficiently utilized Python programming language and the Django web framework.
- Skilled in working with RESTful APIs to fetch and update data in React applications.
- Knowledge of Django ORM for data modeling and database interactions.
- Understanding of authentication and authorization mechanisms, such as JWT.
- Experience in creating interactive user interfaces using the React library, including proficiency in React Redux for state management.
- Understanding of CSS and CSS frameworks (e.g., Bootstrap, Material UI) for styling React components.
- Familiar with PostgreSQL, utilizing its robust features for optimal data management and database performance in diverse projects.

🎓 EDUCATION

BBA
Calicut University
07/2018 – 03/2021

🌐 LANGUAGES

- English
- Malayalam
- Tamil