Mohd Shoib Software Engineer

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SKILLS

- **Programming Languages** : Python, JavaScript, TypeScript
- **Libraries and Frameworks** : Django, React, Next.js, Node.js, Express.js
- **Tools** : Celery, Tailwind CSS, Redux, PostgreSQL, Docker, Git, MySQL, AWS
- **Other Skills** : System Design, Data Structure and Algorithms, Microservices

EXPERIENCE

Software Engineer   Mar 2022 - Present

K12 Techno Services, Bangalore

- Implemented coding books that increased business by 25%, enhancing content engagement and sales.
- Developed and programmed various robotic activities using microcontrollers like Arduino, ESP32, etc.
- Launched new robotics products, contributing to a significant boost in overall company revenue.
- Improved robotics and coding skills for over 1,000 teachers nationwide, elevating educational standards.
- Awarded Best Trainer of the Year 2023 for exceptional contributions to training and development.
- Utilized a diverse tech stack, including Python, JavaScript, and C++, to deliver impactful solutions.

CS/AI Lecturer   Aug 2019 - Nov 2021

DAV Academy

- Taught and guided students through the processes of Coding, Artificial Intelligence, and web development over a span of 2 years.
- Applied innovative teaching methods that enhanced 40% of students' learning experience.
- Mentored students under my leadership, steering them toward becoming highly skilled software developers in the future.

PROJECTS

Mekathlon, Global Robotics Competition

 https://www.mekathlon.com

- Engineered a global registration system, enabling over 1,000 users to participate in robotics competitions seamlessly.
- Designed and implemented a secure payment system using Razorpay, streamlining international and national transactions.
- Developed RESTful APIs to enhance communication between frontend and backend components, improving integration efficiency by 30%.
- Implemented unit testing with Pytest, achieving 80% code coverage to ensure high-quality code and early issue detection.
- Utilized Docker for consistent environment accros Development, Testing and Production.
- Tech Stack - Python, Django, PostgreSQL, Docker

Vizygo - Bike Rental System

 https://www.vizygo.in

- Designed and developed a robust and scalable Bike Rental System using Django, PostgreSQL and AWS, GCP for deployment.
- Implemented core functionalities, including WhatsApp Login and advanced filtering options, enhancing user experience and engagement by 25%.
- Optimized system performance, resulting in a 30% reduction in response time for user queries.
- Utilized Docker for consistent environment accros Development, Testing and Production.
- Tech Stack - Python, Django, PostgreSQL, Docker

CRM Software

- Designed and deployed robust CRM software using Django, React, PostgreSQL, and Docker, enhancing user engagement by 30%.
- Implemented Redis caching, reducing database load by 40% and improving system responsiveness, resulting in 25% faster data access.
- Developed RESTful APIs to streamline communication between frontend and backend, improving integration efficiency by 20%.
- Executed unit testing with Pytest, achieving over 80% code coverage, which significantly reduced bugs and improved code quality.

EDUCATION

Scaler   2023

Specialized in Software Development & Problem Solving

Dr. Ram Manohar Lohia Avadh University   2021

Bachelor of Arts in English

Jetking Info Tech   2018

Harware & Network Engineer in Information Technology