Rakibul Islam Software Engineer

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PROFESSIONAL EXPERIENCE

Riseup Labs, *Software Engineer*
02/2024 – Present
Uttara, Dhaka, Bangladesh

- Developed high-performance code for various client and internal projects, optimizing efficiency and user experience.
- Upgraded a high-impact climate change project, ensuring enhanced functionality and scalability.
- Collaborated on developing a comprehensive EMS solution integrated with an IoT.
- Delivered high-quality code, adhering to Test Driven Development (TDD) and best practices in software engineering.

Mediusware Limited, *Junior Software Engineer*
08/2022 – 01/2024
Mohammadpur, Dhaka, Bangladesh

- Collaborated with cross-functional teams to achieve project milestones, closely engaging with front-end and design teams.
- Adapted to both remote and on-site work environments.
- Ensured code quality, collaborated across teams, and embraced continuous learning.
- Implemented web scraping using Selenium WebDriver and Scrapy, and contributed to the development of an Event Tenant System using GraphQL.

SKILLS

Backend
Django • Flask • FastAPI • GraphQL • Tenants • Django REST Framework • Wagtail

Database
PostgreSQL • MySQL • Redis • Firebase

Frontend
React • Tailwind CSS • HTML • CSS • Bootstrap

Others
Docker • Celery • Scrapy • Selenium Webdriver

EDUCATION

BSc in Computer Science and Engineering, *Green University of Bangladesh*
2019 – 2022
Dhaka, Bangladesh

NOTABLE PROJECTS

CardiCheck, *Python, Django, Django Rest Framework, Redis, Celery, and PostgreSQL.*
CardiCheck is an advanced hospital system for streamlining patient care and administrative tasks. I especially developed seamless appointment scheduling, direct prescription services, messages, and video calling systems.

Nexivent, *GraphQL, Django, PostgreSQL, and Django_q*
Created a Python-based tenant platform with automatic sub-domain generation for event management with separate databases. Empowering organizations to host and manage their unique events seamlessly with its flexible framework which I have done.

ProHR, *An ERP system for a private IT.*
I contributed to an IT ERP system designed to streamline HR operations. This solution enables efficient monitoring of all employee activities, time tracking, leave management, and notice handling, fostering comprehensive employee management, and generation of daily work reports for enhanced oversight of daily operations.

ADDITIONAL INFORMATION

- Strong problem-solving skills with an ability to quickly grasp new technologies.
- Passionate about learning and keeping up with industry trends.
- I have contributed to government and international projects on an organizational basis.
- I have enough knowledge of professional system design and database design.