

MD. RAISUL ISLAM

Software Engineer

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SUMMARY

Backend Engineer specializing in **Python/Django** and **PHP/Laravel** stacks. Experienced in architecting secure, high-performance **REST APIs**, **microservices**, and full-stack web applications. Proven expertise in **API optimization**, **JWT/OAuth authentication**, **Docker deployment**, and **scaling systems on AWS**.

EXPERIENCE

Backend Developer

Noetic IT

⌚ October 2022 - October 2023

A technology firm focusing on software solutions and digital services

- Enhanced REST APIs, reducing response times and boosting overall system performance
- Optimized PostgreSQL queries, minimizing load times and improving database efficiency
- Implemented JWT and OAuth authentication for secure access management
- Introduced Docker containerization to streamline and standardize the deployment process

Part-Time Web Assistant

PaperArt

⌚ March 2021- April 2022

A business providing creative solutions and design services

- Customized templates with HTML, CSS, and JavaScript to improve usability
- Resolved frontend issues to enhance load speeds across devices
- Optimized images and assets to boost site performance
- Collaborated with senior developers to gain hands-on experience in web application customization

EDUCATION

Bachelor of Science in Computer Science & Engineering (CSE)

United International University (UIU)

⌚ March 2018 - November 2022

Higher Secondary Certificate (HSC)

Dhaka Residential Model College

⌚ January 2014 - May 2016

SKILLS

- **Programming & Frameworks:** PHP, Laravel, Python, Django, Django REST Framework, JavaScript, HTML, CSS;
- **Database & APIs:** PostgreSQL, SQL, REST, JWT, OAuth;
- **DevOps & Tools:** Docker, Git, GitHub, Postman;
- **Other:** Microsoft Office, Canva, Web Scraping.

CERTIFICATION

The Ultimate Django Series - Code with Mosh

⌚ Jan 2024 - Mar 2024

Complete SQL Mastery - Code with Mosh

⌚ Jan 2024 - Mar 2024

Complete Python Developer in 2023 - Zero to Mastery

⌚ Oct 2023 - Nov 2023

Fundamentals of Digital Marketing - Google Digital Garage

⌚ Aug 2022 - Aug 2022

PROJECTS

Online Store Application (Client Work)

🔗 https://github.com/RahatVortex98/All_Well

Django eCommerce project focused on providing a comprehensive online shopping platform

- Built a **Django eCommerce app** with **AJAX cart** and **PostgreSQL**, enabling product management and COD checkout.
 - Designed **responsive UI** with **HTML, CSS, and Bootstrap 5**, improving cross-device experience.
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Ecom-Django eCommerce Project

🔗 <https://github.com/RahatVortex98/Ecom>

Django-based project that streamlines real estate listings and management

- Built a **Django-based eCommerce platform** with an **AJAX cart** and **PostgreSQL backend** for efficient product and order management.
 - Designed **responsive interfaces** using **HTML, CSS, and Bootstrap 5**, enhancing user experience across devices.
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MedConnect

🔗 <https://github.com/RahatVortex98/MedConnect>

One-Health Appointment & Consultation Platform

- Developed a full-stack healthcare appointment and consultation platform in **Laravel/PHP** with a **MySQL** backend, enabling secure patient management and Doctor profile **CRUD** operations via an **RBAC**-secured Admin Dashboard.
 - Designed the responsive user-facing portal (**Blade/HTML/CSS/WOW.js**) for dynamic appointment submission, and streamlined operational efficiency by integrating real-time request status management (Approve/Cancel) into the dashboard.
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