

# MD. RAISUL ISLAM

Software Engineer

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## Summary

A Backend Software Engineer specializing in Django, REST APIs, and PostgreSQL, I build scalable web applications. I have expertise in backend architecture, secure authentication with JWT and OAuth, and improving API performance. I want to use my technical skills and teamwork to support a dynamic team in delivering high-quality, secure, and efficient web solutions. At the same time, I aim to grow as a software engineer.

## Experience

Noetic IT	Mirpur,Dhaka,Bangladesh.
Backend Developer	10/2022 - 10/2023
<ul style="list-style-type: none"><li>• Worked on improving REST APIs, which helped cut down response times and made the system run smoother.</li><li>• Managed and tuned PostgreSQL databases, where query improvements reduced load times noticeably.</li><li>• Set up secure authentication using JWT and OAuth, strengthening application security.</li><li>• Introduced Docker for containerization, making deployments faster and more consistent across different environments.</li><li>• Integrated the SSLCommerz payment gateway into eCommerce solutions for reliable online transactions.</li></ul>	
Paper Art	Mohammadpur,Dhaka,Bangladesh.
Part-TimeWeb Assistant (During University Studies)	03/2021 - 04/2022
<ul style="list-style-type: none"><li>• Helped customize and adjust templates with HTML, CSS, and JavaScript to make the site more user-friendly.</li><li>• Assisted in fixing frontend issues, which made pages load better on different devices.</li><li>• Worked alongside senior developers and learned practical skills in web application customization.</li><li>• Optimized images and assets, which made the site quicker and smoother for visitors.</li></ul>	

## Education

United International University (UIU)	
B.Sc. in Computer Science & Engineering (CSE)	2018 - 2022
Dhaka Residential Model College	
Higher Secondary Certificate (HSC)	2014 - 2016
Dhaka Residential Model College	
Secondary School Certificate (SSC)	2012 - 2014

## Certification

The Ultimate Django Series (Parts 1, 2 & 3) – 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)
The Fundamentals of Digital Marketing – Google Digital Garage (Aug 2022 - Aug 2022)

## Skills

- Languages: Python, JavaScript, SQL, HTML, CSS
- Frameworks & Libraries: Django, Django REST Framework, Django ORM, Jinja
- Databases: PostgreSQL, MySQL
- Tools & Technologies: Docker, Git, GitHub, Postman, Celery, Redis
- Others: REST API, JWT Authentication, Web Scraping, Django Templates

## Projects

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### Django eCommerce Project

<https://github.com/RahatVortex98/eshop>

A client-based eCommerce platform with product management, order processing, SSLCommerz payment integration, and an admin panel. Built with Django, DRF, and PostgreSQL, it ensures a secure and scalable shopping experience.

### BT Real Estate

[https://github.com/RahatVortex98/Real\\_Estate](https://github.com/RahatVortex98/Real_Estate)

BT Real Estate Dashboard is a Django-based client project for managing real estate listings and user inquiries. It enables admins to manage listings and users to explore properties, make inquiries, and receive email notifications, ensuring a scalable and user-friendly experience for real estate businesses.

### DeshiCommerce - Django eCommerce Project

<https://github.com/RahatVortex98/DeshiCommerce-Django>

DeshiCommerce a feature-rich eCommerce platform built with Django, offering custom user authentication, product management, cart functionality, payments, order processing, and a review system. It includes interactive rating stars, user profile management, and invoice generation. The platform is deployed on AWS Elastic Beanstalk, ensuring scalability.