Md. Mahmud Hasan

Portfolio | GitHub | LinkedIn

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PYTHON & DJANGO DEVELOPER

I am a dedicated Python developer with a strong focus on Django and web technologies. My background in problem-solving, honed through solving over 250 challenges on platforms like Codeforces and LeetCode, has equipped me with the skills to build efficient, user-centric applications. With four years of experience in Python, I bring a deep understanding of coding principles and a passion for continuous learning.

TECHNICAL SKILLS

Languages	: Python, JavaScript, HTML, CSS
Frameworks	: Django, Django REST, Bootstrap, jQuery, AJAX
Libraries	: Pandas, NumPy, Matplotlib
Databases	: MySQL, PostgreSQL, SQLite
Dev Tools	: Git, GitHub, PyCharm, VS Code

EXPERIENCE

Django developer – in a team   Feb 01, 2023 - Running

- *Developed and maintained web applications using Django and RESTful APIs.*
- *Implemented complex features such as dynamic pricing and cart functionality.*
- *Collaborated with cross-functional teams to deliver projects on time.*

EDUCATION

Dinajpur Polytechnic Institute

Diploma in Computer Science & Technology (Running) |

PROJECTS

IT Certification Website   **Python, Django, JavaScript**, HTML, CSS, **Bootstrap**   **Source Code**

- Cart Functionality: Users can add or remove exams from the cart. If a user is not logged in, they can still add items to the cart, and when they log in or sign up, the cart items are automatically associated with their account.
- User Profile Management: The profile page allows users to view their personal information and purchased exams.
- Exam Interface: The exam questions page includes user-friendly features.
- Admin Panel Customization: The Django admin panel is customized for a better experience when managing database tables.
- Search and Suggestion: The application includes a search box with a dynamic suggestion system to help users find exams quickly.
- Payment Integration: Stripe is integrated for secure payment processing when purchasing exams.

Medical Test   **Python, Django, JavaScript**, HTML, CSS, **Bootstrap**   **Source Code**

- Multi-Item Cart: Users can add one or multiple tests to their cart.
- Favorites List: Users have the option to save their preferred tests to a favorites list for easy access in the future.
- Advanced Search: The application provides robust search functionality, allowing users to find specific services or service centers.
- Proximity Filtering: Users can view service centers within a 10km radius of their location.
- Dynamic Place Order Form: The place order form is highly interactive.
- Voucher Redemption: Integrated with Snippets API, users can apply vouchers during checkout. Successfully redeemed vouchers provide bonuses, which are instantly reflected in the order summary via AJAX.

ACHEVEMENT

- **Problem Solving (Intermediate) Certificate**
- Python (Basic) Certificate
- Solved 250+ problems in this Websites: **Codeforces** | **LeetCode** | **HackerRank**