Parvez Hossen

Backend Developer

As a skilled Python Developer with expertise in web frameworks, my objective is to join a forward-thinking organization where I can apply my technical knowledge to develop innovative and scalable applications. I believe that Exercising patience and resilience is a fundamental trait that I prioritize alongside intelligence in my approach to challenges and professional growth.

CONTACT

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- github.com/Parvez49
- Mirpur, Dhaka

PROGRAMMING SKILLS

LeetCode Profile:
- Total Problems Solved: 500+
- Maximum Contest Rating: 1591
- Profile: leetcode.com/parvezhossen81/

Codeforces Profile:
- Total Problem Solved: 30+
- Maximum Contest Rating: 1130
- Profile: codeforces.com/profile/knk_out

EXPERIENCE

Internship Backend Developer
REPLIQ Limited (focus primarily on Python / Django and React.js / Next.js) Lalmatia, Dhaka
(Aug 2023 – Oct 2023)

Industrial Attachment
Brain Station 23 (Software Company in Dhaka)
(Nov 2022 - Dec 2022)

ACTIVITIES

➢ ITEE, **Level-2, FE, Pass Afternoon Exam** (Technical skills) Governed by IPA, Japan

INTERESTS

➢ NLP
➢ Social Working

EDUCATION

B.Sc. in CSE
Dhaka University of Engineering& Technology, Gazipur
Mar 2018 – Jul 2023
CGPA: 3.35

LANGUAGES

Bangla – Native
English - Conversational

TECHNICAL SKILLS

Python, Django, Django REST, JavaScript, MySQL, PostgreSQL, Numpy, Pandas , C, C++, Web Framework, Web Scraping, Linux system, Docker, Googlling , ChatGPT.

FINISHED PROJECTS:

- **A Comprehensive Hospital Management System API**
  - Objectives: Coordination between Patient, Doctor and Hospital.
  - Github: link
  - Database Diagram: link
  - Authentication & Gmail verification: JWT token, Asynchronous celery.
  - Notification: Django Signal.
  - Alerted the patient about the doctor's appointment one day ago: Synchrounous Celery.
  - Redis Caching.
  - Doctor and Patient chat communication: Django channel and Websocket.
  - Search Optimization: Elasticsearch.
  - Database: PostgreSQL.
  - API Documentation: Swagger (drf-yasg).
  - Project Documentation: MkDocs.
  - Performance and Debugging tools: Django silk, locust, Flower.
  - Deployment: Docker, AWS: EC2, RDS, S3.
- Travel Django Website
  - **Description:** The website allows users to browse and search for travel destinations, view details about each location, and make reservations for hotels and activities.
  - Template From: https://colorlib.com/wp/templates/
  My Role:
  - Integrated an abstract API for Gmail validation and verification, and also Implemented social authentication.
  - Utilized caching, pagination mechanisms to optimize news data management.
  - Developed a RESTful API for seamless integration and retrieval of news and travel data.
- Document Management API
  - **Description:** Developed a RESTful API for a personal document management system, allowing users to upload, download, share, and manage documents in various formats (PDF, DOCX, etc.).

COURSES

➢ Programming for Everybody(Getting Started with Python)|Coursera|Aug, 2020
➢ Data Structures & Algorithms | udacity | July, 2022
➢ Google Advanced Data Analytics | Coursera | September, 2023