

Md. Uzzal Hossen

Software Engineer

WORK EXPERIENCE

Software Engineer II | Texon Limited | Dhaka, BD | June 2023 - present

- I led cross-functional teams in delivering projects on time and within budget. I managed project scope, timelines, and resources, employing Agile methodologies for improved efficiency. Managed the migration of a legacy on-premises infrastructure to AWS, achieving a 50% reduction in operational costs and a 30% increase in system performance.
- Developed and maintained software solutions, ensuring robust performance and scalability.
- Collaborated with international corporate clients, delivering high-quality software solutions tailored to their needs.

Data Science Instructor | Dhaka University of Engineering & Technology (DUET) | Gazipur, Dhaka, BD | March 2024 - July 2024

- Selected for a special government project to teach Data Science under the Computer Science and Engineering (CSE) department.
- Develop and deliver comprehensive data science curricula covering topics such as machine learning, statistical analysis, data visualization, and programming.
- Mentor students on academic projects, providing guidance on data collection, cleaning, analysis, and interpretation.

Software Engineer I | BMIT Solutions Limited | Dhaka, BD | June 2022 - May 2023

- Designed and implemented a robust API gateway for seamless communication with dockerize.
- Implemented background processing with Celery for efficient, asynchronous message delivery.
- Analyzed data to coordinate system installations and modifications.

Junior Software Engineer I | Dazzle Soft BD | Dhaka, BD | June 2021 - February 2022

- Enhanced ERP systems: Added new features and functionalities to existing ERP software.
- Form creation: Built forms sending data to laravel for CRUD operations and storage in Oracle DB.
- Error correction: Resolved errors in existing ERP software and applied RDBMS patches.

EDUCATION

Undergraduate | University of Information Technology and Sciences (UITS) | Dhaka, BD

BSc in Computer Science and Engineering (CSE) | CGPA : 3.15

INDUSTRY VETERANS

Total Year of Experience: 3+ Years

Contributed Projects : 15+ projects

Specialized In : Python, Golang, PHP, JavaScript, Postgresql, SQL, AWS, Google cloud.

Communication Skills: Fluent in English.

Frontend - Html, CSS, React js, Vue js, Flutter.

Backend - Django, Flask, Gin, Gorilla, Laravel, Codeigniter.

Database - MySql, PostgreSQL, Dynamodb, Mongoddb.

Tools - Git, GitHub, Bitbucket, CI/CD.

Some of Most Contributed Projects:

❖ WebScraping | Project by Texon Limited

Developed a robust web scraping solution to extract data from various online sources. Utilized Python libraries such as BeautifulSoup, Scrapy, and Selenium to automate data collection. Implemented data cleaning and preprocessing techniques to ensure the accuracy and reliability of the extracted data. Created scripts to schedule and automate the web scraping process. Ensured compliance with website terms of service and ethical guidelines.

Key Technology: Flask, Chromium Engine, Selenium, AWS.

Responsibility: I developed the Scraper functionality to extract and process text, image link, from Website, coordinated with the team to integrate various components, and ensured smooth operation and maintenance of the application.

❖ Book Library Mobile App | Project by Texon Limited

Developed a comprehensive library management mobile app where users can read books by syllabus. Users can select their syllabus and access books accordingly. Guest users also have the functionality to read books.

Key Technologies: Django, PostgreSQL, React, Flutter, AWS.

Responsibilities: I was responsible for the entire backend development, creating RESTful APIs using Django. Conducted database design and optimization for enhanced scalability and performance. Integrated push notifications via Google Firebase, significantly boosting user engagement and retention. Implemented real-time notifications for the admin panel using Django Channels and jQuery.

❖ Bulk SMS Gateway | Project by BMIT Solutions Limited

Developed a robust SMS portal and gateway for sending bulk SMS messages to both groups and individuals, with customizable sending options and recipient management.

Key Technology: Gin, Flask, Sql, Mongo, Docker..

Responsibility: I developed a bulk SMS API for seamless integration of the SMS gateway and implemented a system for sending SMS messages to both groups and individuals with customizable options. Leading the implementation of background processing capabilities, I enabled asynchronous SMS sending and related tasks to minimize user disruption.

❖ Dynamic Erp Solution | Project by Dazzle Soft BD

Implemented a trusted flagship Enterprise Resource Planning solution. Easy to use and It can handle complex calculations in a second and generate reports. It is designed to meet the unique needs of diverse industries, empowering them to streamline operations, boost productivity, and achieve sustainable growth.

Key Technology: Laravel, Oracle, Javascript.

Responsibility: Extended existing project by adding new features/functionality ERP software system. Working with a composite ERP solution which has different modules like Knitting, Dyeing, HRM, Payroll My role is there to edit, correct, add/remove something as per client's request. Extensively worked with user Interface using HTML, DOM, CSS, JavaScript.

Contact:

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