

RUBAYET MAHMUD

SOFTWARE ENGINEER (PYTHON, DJANGO, REST API, VUEJS, WEB SCRAPPING)

Highly skilled and self-motivated Full-stack Software Developer specializing in backend technologies within the realms of web development and web/data scraping. My passion lies in problem-solving and my knack for analytical thinking with a keen eye for detail allows me to tackle software tasks with confidence, guiding them seamlessly from inception to fully functional solutions. My leadership skills shine as I collaborate with engineering teams to elevate software capabilities, enhance efficiency, and deliver top-tier solutions, ensuring client satisfaction at every stage.



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SKILLS & EXPERTISE

- Python, Django, DRF, Flask, FastAPI, GraphQL; BeautifulSoup, Selenium, Scrappy, Playwright, Parsel;
- Git, Linux, PostgreSQL, MySQL, MongoDB, SQLAlchemy, Celery, RabbitMQ, Docker, Nginx, CI/CD, AWS, etc.;
- Team Management, Project Management, Defining Requirements, Business Analysis, Client Relations;
- NumPy, Pandas, Matplotlib, Basics of Data Analysis, ML, Image Recognition, etc.;
- HTML, CSS, Bootstrap, JS, jQuery, Vue.js, AJAX, Figma, Adobe Xd, Adobe Illustrator, Adobe Photoshop;

EXPERIENCE

Project Manager | Mediusware Ltd., Dhaka, Bangladesh

DECEMBER 2022 – TILL NOW

As an **additional role** to Software Engineer, my responsibility lies with meeting with clients, analyzing their business needs, and gathering requirements to create solutions for their needs and plan to add the feature in the project, via distributing tasks to fellow developers, testing, code review and accompanying them writing code, guide them to remove any blocker, maintaining client relations via updating project progress regularly. So far, managed 8+ projects. Mostly, Web development, API development/integration, Web scrapper, data collection, data visualization, Bot development/integration etc.

Software Engineer | Mediusware Ltd., Dhaka, Bangladesh

OCTOBER 2022 – TILL NOW

Currently, working as a Software Engineer (Full-Stack Web Developer) with Python, Django, DRF, Flask, FastAPI, GraphQL; BeautifulSoup, Selenium, Scrappy, Git, Linux, PostgreSQL, MySQL, MongoDB, SQLAlchemy, Redis and other technologies. Includes web scraping, data wrangling, developing web applications, etc. So far, contributed to 6+ projects. Notables:

- Web Scraper with scraper manager and task queuing system. (Scrapy, Flask, Jinja, MySQL, Celery, WebSocket, etc.)
- Product Subscription system with ticket support management and Stripe Payment integration (Django)

Software Engineer | Tiger Park Limited, Dhaka, Bangladesh

SEPTEMBER 2021 – SEPTEMBER 2022 (1Y1M)

Worked as a Software Engineer (Full-Stack Web Developer) in the core development team. Worked on four projects.

- **Residential School Management System:** Built a few modules and improved some others. Fixed and improved UI & UX. Worked with Python, Django, HTML, CSS, Bootstrap.
- **Schedule/Meeting Management System:** A Meeting Management System where user can schedule their meeting clicking on a calendar with relevant information and see them on a calendar. Used Python, Django, JavaScript and few JavaScript Libraries. Done by me with occasional guidance of seniors.
- **Project Monitoring System:** A system for monitoring work progress of various task in a project with active reporting system. Reports are created (in web and through API) with unit value (predefined in task), image/document/video and other relevant information and progresses are calculated automatically upon approval from various Roles. This system also has an issue handling module with dynamically created categories. Used Python, Django, JavaScript, jQuery, AJAX, and few JavaScript Libraries. Most parts are done by me and have lead others.
- **Data Collection and Visualization System:** A system for collecting data with public surveys, manage data, visualize them and make reports This was done with Django, DRF on backend and VueJs on frontend. Initial all works, which includes analysis requirements, planning, database design was done by me with developing the MVP.

In most project here, I communicated directly with clients in various stage of the project to understand their motive, took their suggestions to improve the system as their requirements.



EDUCATION

B.Sc. in CSE | Manarat International University, Dhaka, Bangladesh

JANUARY 2015 – AUGUST 2019

CGPA: 3.57 (out of 4.00).



PROJECTS

- **Prayer Times**: Shows Muslim prayer times based on location, developed with Vue.js. See on [GitHub](#).
- **Star Social**: Social Media Platform with basic functionality like posting, create group etc. See on [GitHub](#).
- More on [GitHub](#)



TRAINING & COURSES

PostgreSQL for Everybody (5 Course Specialization) | By University of Michigan, on Coursera.org

SEPTEMBER 2021 – [SEE CREDENTIALS](#)

Python for Everybody (5 Course Specialization) | By University of Michigan, on Coursera.org

FEBRUARY 2020 – [SEE CREDENTIALS](#)

Building AI Powered Chatbots | By IBM, on Coursera.org

MARCH 2019 – [SEE CREDENTIALS](#)

Mobile App Development – Android | BASIS Institute of Technology & Management, Dhaka

MARCH 2019

* SEE MORE ON [LINKEDIN.COM](#)



PERSONAL DETAILS

Name : Rubayet Mahmud
Father's Name : Md. Abdul Ohid
Mother's Name : Salma Akter
Date of Birth : 11 December, 1995
Blood Group : A+(ve)
Religion : Islam
Nationality : Bangladeshi
Address : PC Culture Housing, Mohammadpur, Dhaka-1207



ACTIVITIES

- Joined National Collegiate Programming Contest, 'IUBAT NCPC-2018' as a Team Leader.
- Class representative at university. Organized more than ten programs/events such as Programming contest, seminars, workshops, farewell program as Lead Organizer/Manager. Also, at the high school & college.
- Involved with 'Google Developer Group-GDG Sonargaon.' Achieved Google's 'M-site Developer Certificate' at 2017. Trained a team to prepare for this exam at 'HSTU, Dinajpur'.
- Class representative at university. Organized more than ten programs and events such as Programming contest, seminars, workshops, farewell program as Lead Organizer/Manager.
- Joined Scouts at high school. Participated '8th National Scouts Jamboree-2010' as a Team Leader.



LANGUAGE CAPABILITIES

Bengali  (Native)

English  (Native)



REFERENCES

Mohammad Rafiqul Islam

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Sohaib Abdullah

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DECLARATION: I do here by declare and certify that all the information stated in this resume is true.

Rubayet Mahmud