

Milton Chandro Bhowmick

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EXPERIENCE

Software Engineer (Remote) | *Vemate, London, United Kingdom* January 2022 – Present

- Build **85%** mobile scraper collecting data of VeVe Android app using **ADB shell, Python**.
- Worked **30%** for vemate marketplace and **60%** for vemate analytics using **Vue JS, Nuxt JS**.
- Build **80%** APIs for market product search, product offer accept using **Django Rest Framework**.
- Build **80%** APIs for chatting system between two users in vemate analytics using **Django Rest Framework**.

Software Engineer (Remote) | *BEM Group, London, United Kingdom* November 2023 – March 2024

- Build **100%** a web scraper collecting text and images of office monster and sportspar using **Python, Selenium**.

Software Engineer (Remote) | *ASA Distribution, London, United Kingdom* July 2021 – December 2021

- Build 2D game farmer movement, truck movement and cutting, selling, collecting tree functionalities in **GMS2**.
- Integrated a video conference Jitsi free API to a property inspection web project in **vanilla JavaScript**.

EDUCATION

Military Institute of Science and Technology April 2020 - April 2023
M.Sc, Computer Science and Engineering CGPA: 3.50/4.0

Noakhali Science and Technology University August 2019
B.S. Information and Communication Engineering CGPA: 3.57/4.0

SKILLS

Languages and Frameworks: C++, Python, JavaScript, HTML, CSS, Vue, Nuxt, Django, Bootstrap, Selenium.

Database: PostgreSQL, SQLite.

Tools: Git, Docker, Android Debug Bridge Shell, Vite, Webpack, Visual Studio Code, Postman, GameMaker Studio 2.

PUBLICATIONS

1. **Assessing Usability of Mobile Applications Developed for Autistic Users through Heuristic and Semiotic Evaluation.** [Read here](#)

OPEN SOURCE PROJECTS

The Algorithms - Python: Modified code for making readable in A-star algorithm, [see pull request](#).

XTranslation: Added a new translation with Bangla Language using PO file, [see pull request](#).

Vuejs Interview Questions: Fixed wrong concept between v-for and v-if directive, [see pull request](#).

Banking System: Fixed a page not found after logged in by registered user in Django, [see pull request](#).

todolist: Added dark mode feature in a todolist project, [see pull request](#).

SIDE PROJECTS

Cricket DLS Calculator | *JavaScript, Nuxt 3, HTML, CSS* | [Github Link](#) March 2023 – August 2023
* Integrated Duckworth-Lewis Stern algorithm calculating scores of cricket matches in disaster situations.
* Ensured data accuracy and reliability through rigorous testing and validation.

QR Code Attendance System | *Python, Django, SQLite, Git, VS Code* | [Github Link](#) March 2019 – Jun 2019
* Developed **100%** course, teachers, students, attendance model and unique QR code system using **Django**
* Used SQLite for lightweight and portable database management.
* Implemented real time attendance store after scanning QR code via an **Android app**.