Mehedi Khan

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(Dhaka,Bangladesh)

Education

Bachelor of Computer Science, CGPA: N/A   **Expected Graduation: 2026**
Bangladesh University of Engineering and Technology(BUET)   Related Courses: **CS50X**, **CS50W**

Skills

➔ **Programming Languages:** C, C++, Python, JavaScript
➔ **Front-End Development:**HTML, CSS, Bootstrap, Vanilla JS, Chart JS
➔ **Backend Development:** Django, Flask, Jinja, SQLite
➔ **Tools & Others:** Git, VS Code, MS Word, Blender, Adobe PS, Adobe Premiere Pro

Projects

AjkeKiKorbo(ToDo App) | **Website** | **GitHub** | **(Nov, 2022 - Nov, 2022)**
➔ Designed and built a fully functional and **responsive full stack todo application** from scratch, where users could plan their days and **track their progress**.
➔ Learned to use python modules like **Pytz, Calendar & datetime** so anybody around the world could use the app. Learned **Chart JS to showcase graphical data** in an interactive way. Learned a lot about **production and deployment**.
➔ Faced difficulties in creating **custom 404 pages**. Made the application **around 20% faster** by writing efficient code in the backend.

Quitter(Social Media App) | **GitHub** | **Demo Video** | **(Oct, 2022 - Nov, 2022)**
➔ Built a fully functional and **responsive social media app** where people could create posts, like others' posts, comment on posts, follow/unfollow other users and so on.
➔ Learned to make websites **more user interactive** by using Javascript and **lessened page reload counts by around 30%**. Learned how to let users **input media in a form**, Learned to change themes**(Dark Mode and Light Mode)**.
➔ Faced difficulties in **changing themes**, applying ManytoMany relationships, making better UI etc.

Auction(Bidding App) | **GitHub** | **Demo Video** | **(Oct, 2022 - Oct, 2022)**
➔ Built a functional and responsive web application where users could make a listing and others could bid on them and the highest bidder would win the item.
➔ Learned so much about Django and backend stuff from this project. **Learned how to use Jinja** properly to **show HTML dynamically**. Faced difficulties with models and migrations.

Mail(One Page Email App) | **GitHub** | **Demo Video** | **(Oct, 2022 - Oct, 2022)**
➔ Built a one page email app where users can send and receive emails, reply to them, archive/unarchive emails etc.
➔ Learned so much about **Vanilla JavaScript, fetch calls, DOM, eventListeners, creating HTML dynamically, interactive UI** etc. Faced difficulties in implementing all of these features using JavaScript alone in the frontend.