Mohammed Wasif Uddin

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EXPERIENCE

Software Engineer, HM & RC; Dhaka, Bangladesh — Jan 2021 - June 2021

- Architected and developed a .Net 5 (Core) Windows database management application using WPF with C# and XAML following material UI to manage entries for over 600 properties.
- Introduced and incorporated new features like custom report generation and to-do list over the legacy system to increase revenue by up to 37%.

EDUCATION

- **B.S in Computer Science**   Jan 2016 - Dec 2020
  The University of Texas at Dallas   *- Richardson, TX*

TECHNICAL SKILLS

- **Frameworks/Libraries** - React.js, Vue.js, Node.js, Bootstrap, JQuery
- **Programming Languages** - JavaScript, HTML, CSS, Java, C#, C++, Python, C, Ruby
- **Database** - MongoDB (with Mongoose), SQL
- **Version Control/Software Tools/IDEs** - VS Code, Visual Studio, IntelliJ IDEA, Git, Postman

SOFTWARE PROJECTS

Portfolio Website

- React Single Page Application with Bootstrap responsive across all screen sizes.
- Axios used to utilize OpenWeather API to fetch geolocation coordinates to display current location weather details (city, temperature, highs, lows, etc) in real time.
- Tensorflow.js speech model used to receive user voice commands to manipulate object movement on screen.
- State manipulation using useState hook to add and delete tasks on to-do list and useEffect hook to initialize tsparticle.js in the background when website initiates

Blog Website

- Vue.js with Vuetify used on the frontend with Node.js on the backend with MongoDB.
- Collaborated and developed REST APIs with backend engineer to perform CRUD operations on the database to manipulate users, blog posts, etc.

DragonRuby GTK Top Down RPG

- Collaborated with a team of 3 while leading in UI to develop a cross-platform Fire Emblem clone game in Ruby using the DragonRuby Game Toolkit