Mohit Bhavsar

✉ m3bhavsa@uwaterloo.ca | 🖱 mohitbhavsar707.github.io | ⚙ mohitbhavsar707 | 🔗 mohit-bhavsar

Skills

Languages: C/C++, C#, Python, Java, Golang, JavaScript, HTML, CSS, SQL, Python, Arduino
Tools & Technologies: React, Boostrap, AJAX, JQuery, Solidworks, Figma, Git, ASP, Visual Basic, Microsoft Access, SQL Server
Methods & Competencies: Data Structures and Algorithms, Problem-Solving, Research and Data Analysis, Written/Verbal Communication, Product/Project Management

Education

BASc. in Systems Design Engineering | University of Waterloo　　　　　*Sept 2022 - Present*
· Expected Graduation: June 2027
· Relevant Coursework: Digital Computation, Introduction to Design, Communications in Systems Design Engineering

Work Experience

Volunteering Peel　　　　　*Mar 2021 - Apr 2022*
Frontend Developer　　　　　*Mississauga, Ontario*
· Collaborated with 4 fast-paced, cross-functional design teams and improved the company website using React.
· Optimized project delivery by 25% and designed functional, interactive scalable prototypes using Figma and Adobe XD.
· Conducted user interviews and testing, debugged features to improve usability, and wrote clean code for peer review.
· Enhanced SEO by 25%, carried out market research and collaborated with 5+ sponsors for volunteering event logistics.

SPARK　　　　　*Mar 2021 - Mar 2022*
Project Co-Manager　　　　　*Brampton, Ontario*
· Led 6+ management and technical teams from event conception through execution and deployment to increase efficiency measures of event planning, sponsorship agreement deals, and marketing by 45%+.
· Collaborated with 20+ sponsors for hackathon and case competition support throughout the leadership position.
· Hosted global case competition and successfully attracted 200+ participants, 70 teams, 7 guest judges, and 3 workshops

Youth Culture Inc.　　　　　*Jul 2021 - Jul 2021*
UI/UX Developer　　　　　*Remote, Canada*
· Designed a working prototype with a team of 5 using Figma, Adobe XD, and Fusion 360.
· Competed against 50+ interns to develop a web and mobile application to support an interactive learning environment
· Worked closely and received career-orientated mentorship from current working TD employees and professionals.

Projects

Cloud Xplore | CSS/HTML, Bootstrap, Javascript, SasS, Jquery, Vectary, EchoAr
· Developed an accessible website which enables satellite earth navigation modelling through EchoAR and Vectary.
· Implemented software components using JavaScript based on 3D processing requirements and specifications.
· Employed Sass and Material UI principles to create visually appealing designs to attract user attention.

3D Audio Visualizer | Processing, Java, Figma
· Produced an interactive visualizer using OOP, FFT and the Amplitude library.
· Displayed continuous digital rendering and animations of soundbars.
· Fetched real-time data using music API libraries to match the bass and the beat of the song.

Quick Notes Web App | Javascript, React, Bootstrap, CSS/HTML
· Created an efficient notes application using React for users to produce daily schedules, plan events, and list other important tasks.
· Integrated dark mode usability feature using the style components library
· Improved UX for 80% of users.

Awards/Certification

Academic Accomplishments
· University of Waterloo Presidents Scholarship of Distinction
· Lieutenant Governor's Community Volunteer Award for Students in Ontario (1200+ Volunteer Hour service)
· Mirai Project Engineering Case Competition 1st Place Win

Interests

Extracurricular Involvements
· Engineering Future Recruitment Ambassador Team
· University of Waterloo Aerial Robotics Group
· First Robotics Competition
· Outdoor Sports