

Humza Baig

+1 (519) 778-9904 | hb.humza@gmail.com | linkedin.com/in/hb-hmz | [UX Portfolio: humza-baig.com](https://github.com/humza2244) | github.com/humza2244

EDUCATION

Wilfrid Laurier University

Bachelor of Science in Computer Science

Remote

Expected Graduation: 2027

EXPERIENCE

Full Stack Software Engineer

Apr 2024 – Sep 2024

Martinrea International

Vaughan, ON

- Led UX design for a web-based CRM used by sales teams, defining user journeys and interaction flows.
- Translated business and user needs into wireframes and interface layouts, reducing workflow friction.
- Collaborated with stakeholders to iterate on workflows, incorporating feedback across multiple revisions.
- Designed form interactions, validation states, and feedback that improved data accuracy and usability.
- Worked across front-end and back-end layers to ensure consistent user experience across core features.
- Documented user flows and edge cases, improving handoff and long-term maintainability.

Front End Software Engineer

Apr 2022 – Sep 2022

Martinrea International

Vaughan, ON

- Designed Power BI dashboards supporting multiple business units with clear visual hierarchy.
- Translated complex operational datasets into intuitive visual narratives for non-technical users.
- Applied UX and visual design principles to improve dashboard readability and consistency.
- Collaborated with cross-functional teams to gather requirements and iterate on dashboard layouts.
- Established reusable dashboard patterns, reducing redesign effort for future reports.

Power Platform Developer

Apr 2023 – Sep 2023

Martinrea International

Vaughan, ON

- Led a UX-focused redesign of the internal website used by employees across departments.
- Created reusable UI components and layouts aligned with an internal design system.
- Reorganized page structure to improve clarity and reduce time spent locating key content.
- Worked with stakeholders to review feedback and refine design iterations across releases.
- Implemented responsive front-end behavior to improve accessibility on different screen sizes.
- Ensured cross-browser compatibility and maintained scalable front-end code.

PROJECTS

PaperSol | *React.js, Next.js, Tailwind, WebSockets, Supabase, Vercel*

May 2025 – Present

- Designed a real-time portfolio dashboard emphasizing clarity, visual hierarchy, and rapid comprehension of live financial data.
- Iterated on layout and interaction patterns to support usability under fast-changing data conditions.
- Integrated Supabase authentication and APIs while maintaining a consistent user experience across views.

AutoSniper Sol Bot (Hackathon) | *JavaScript, Electron, Solana SDK, WebSockets*

June 2024

- Designed a lightweight desktop interface to visualize wallet balances, live prices, and trade status.
- Focused on layout, visual hierarchy, and clarity to support quick interpretation of real-time data.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, C, HTML/CSS

Frameworks: React, Next.js, Node.js, Tailwind CSS, Power Platform

Design Tools: Figma, FigJam, Power BI

Tools: Git, GitHub, Supabase, Vercel, Postman, Firebase

Libraries: pandas, NumPy, scikit-learn, TensorFlow (introductory), Matplotlib

Focus Areas: User experience design, data visualization, interface usability, and design-driven development