

Humza Aamir

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Technical Skills

Languages: Python, Java, JavaScript, HTML, CSS, TypeScript, C, C++, R

Frameworks: React, Node.js, Angular, Spring Boot, Express.js, Next.js, Vue.js, Bootstrap

DevOps: AWS, Kubernetes, Docker, Vercel

Development Tools: Git, Bash, MongoDB, Firebase, Figma, JUnit, Postman, Canva, Bash

OS: Windows, Linux

Experience

Project Human City - Software Developer

Jan '23 – Present

Remote

Toronto, ON

- Collaborated with a team of 5 developers through an agile development process to improve responsiveness, accessibility, and UI design, resulting in a 30% improvement in product quality and a 20% increase in client satisfaction ratings.
- Spearheaded the front-end development effort with a strong focus on user-centered design principles, by conducting more than 45 user tests to determine the optimal UI/UX approach, resulting in improved user experience and increased engagement.
- Overhauled existing wireframes, utilizing a responsive design approach to improve the platform's usability by 10% and accessibility by 40% across a variety of devices, resulting in a more intuitive and streamlined user experience.

Excel Lassonde - Software Developer

Sept '22 – Dec '22

York University

Toronto, ON

- Revamped wireframes and mock-ups using design tools like Figma, showcasing innovative design concepts and user interfaces for multiple web applications, leading to 70% higher user adoption rates.
- Conceptualized, developed, and deployed customized software web applications by collaborating with cross-functional teams to analyze user requirements, resulting in enhanced user test cases and greater inclusivity for all users.
- Employed diverse performance optimization techniques, including image compression, lazy loading, and caching, resulting in an 80% reduction in page load times and a significant increase of 1,000+ monthly website visitors.

Projects

CrimeVue | Python, JavaScript, Next.js, Node.js, Express.js, MongoDB | [Github](#) | [CrimeVue](#)

June '23

- Designed a data-driven responsive web application using Python and Selenium to gather and process live crime data from Twitter, which enabled the collection and dynamic processing of over 1000 monthly crime incidents, empowering users to visualize and analyze crime hot spots and patterns in real time.
- Engineered a robust JWT authentication system, integrating encryption and token-based authentication, to protect user data and ensure trusted access to CrimeVue, mitigating potential security risks and enhancing user trust.
- Performed rigorous testing methodologies, including unit testing, integration testing, and user acceptance testing, collaborating closely with users to gather feedback and implement over 22 improvements and enhancements, resulting in a highly reliable and user-friendly application.

Fact Checking Platform | Astro, JavaScript | [Github](#) | [Fact Check](#)

Apr '23

- Orchestrated the development of a fact-checking platform with a user-centered design approach, resulting in a 40% increase in user engagement and a 50% decrease in misinformation consumption among users.
- Directed the development of multiple design iterations and conducted user testing with over 60 participants, resulting in a significant improvement in user experience and overall satisfaction.
- Conducted thorough website audit and implemented targeted improvements, including optimizing website speed, streamlining navigation, and improving component functionality, resulting in a significant increase in user engagement and a more efficient user experience.

Google Play Store Review Scraper | Python | [Github](#)

Nov '22

- Engineered a customized Google Play Store Review Scraper using Python and web scraping tools, resulting in a 37% increase in overall app ratings and a 63% reduction in negative reviews.
- Utilized advanced techniques, including tokenization, stop word removal, and stemming, to enhance review accuracy by 25% and improve data usefulness by 50%.

Education

York University

Toronto, ON

Bachelor of Engineering with Honours: Computer Engineering

Aug '23