

Maisha Masnoon

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PROFESSIONAL SUMMARY

Software Frontend Engineer with experience in designing accessible, scalable, and maintainable interfaces using React, JavaScript frameworks, and TypeScript. Debugged and resolved complex production issues while applying data structures and algorithms to enhance system performance. Engineered real-time features that improved workflow efficiency by 20%. Skilled in CI/CD pipelines, REST API integration, and contributing to technical documentation and code reviews. Adept at collaborating with designers, backend engineers, and product teams to deliver resilient, well-tested architecture that meet evolving business needs.

TECHNICAL SKILLS

Programming Languages:	JavaScript, TypeScript, HTML, CSS, Python, R, C++, PHP, Java, jQuery, JSON
Frameworks & Libraries:	React, Node.js, Chart.js, Three.js, GraphQL, Bootstrap, Angular
Development Technologies:	Git, AWS, Webpack, ESLint, Microsoft Visual Studio, Figma, Eclipse
Database:	SQL, NoSQL, Oracle
System Concept:	CI/CD, REST APIs, Accessibility, Agile
Operating Systems:	Windows, Linux

WORK EXPERIENCE

Yahoo	NY, USA
Software Engineer	05/2022 – 12/2024
<ul style="list-style-type: none">Spearheaded application development of modular JavaScript components, leveraging system engineering principles and debugging tools to optimize CI/CD build times by 35% and improve overall application scalability.Implemented fullstack JavaScript solutions that reduced initial page loading times, while rectifying issues reported in Record logs, improving user experience across devices.Conducted code and software design reviews to uphold efficiency, and alignment with the system's privacy standards.Built analytics features with GraphQL and Chart.js, reducing editorial latency by 20% and increasing content retrieval speed.Delivered an accessible real-time language translation feature across 75+ markets utilizing REST APIs and leveraged AWS cloud services, while incorporating feedback from UX design review to enhance international engagement by 25%.Rectified 50+ critical bugs across UI/UX and backend systems, improving deployment stability and increasing overall system uptime resulting in enhanced customer satisfaction.Updated internal onboarding guides and engineering documentation to reflect changing codebases and product requirements.Applied data structure optimizations to reduce rendering time in performance-sensitive features improving user interfaces.Guided roadmap planning sessions and collaborated with product managers, designers and QA teams to support iterative delivery.	
NYC Department of Youth & Community Development	NY, USA
Web Development Intern	06/2021 – 09/2021
<ul style="list-style-type: none">Modernized legacy web pages into WCAG 2.1 compliant, responsive interfaces using HTML5, CSS3, and JavaScript, improving accessibility scores by 40%.Optimized front-end infrastructure performance by restructuring DOM and improving asynchronous data handling for modules.	
TWG Companies	NJ, USA
Software Development Intern	12/2020 – 05/2021
<ul style="list-style-type: none">Developed and debugged web application in React and assisted in resolving bugs reported during QA and staging phases.Collaborated with backend developers to integrate APIs and maintain end-to-end functionality across different web browsers.	

OTHER

Online Grocery Delivery Platform (Project in GitHub)	01/2021 – 12/2021
<ul style="list-style-type: none">Built a full-stack grocery ordering platform using React and REST APIs; implemented performance monitoring, reducing latency by 60%.Designed for accessibility and incorporated unit testing, error handling, and responsive UI for seamless user interaction.	
Motion Control Game Interface (Project in GitHub)	11/2020 – 02/2021
<ul style="list-style-type: none">Created a real-time motion-responsive app with JavaScript and Ionic; optimized animation and event handling across devices.	

EDUCATION

Pace University - M.S. in Computer Science (12/2021)	New York, NY
American International University-Bangladesh - B.S. in Computer Science (05/2019)	Dhaka, Bangladesh

PUBLICATION

Maisha Masnoon et al. (2020). "Cervical Cancer Risk Factor Prediction Using Behavioral Data," *IJSER*, Vol. 11, Issue 3, March 2020.