

PARTH MANCHANDA

Web Developer | HTML / CSS / JavaScript | Full-Stack & Frontend

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PROFESSIONAL SUMMARY

- Full-stack web developer with hands-on experience building responsive, performant web applications using HTML, CSS, JavaScript, TypeScript, React, and Node.js; strong foundation in translating client requirements into precise, functional, and visually polished digital products.
- Proven ability to collaborate cross-functionally with designers, stakeholders, and engineering teams to deliver high-quality web solutions on time, with a detail-oriented approach to functionality, accessibility, and user experience.
- Proactive learner who stays current with emerging frameworks, tools, and best practices; passionate about experimenting with innovative solutions to continuously improve web performance and client outcomes.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, React, responsive design, cross-browser compatibility, accessibility standards

Backend: Node.js, Spring Boot, REST APIs, Java, Python, SQL, PostgreSQL, MySQL, ETL pipelines

Tools & Workflow: Git, CI/CD pipelines, Docker, JIRA, Azure DevOps, Postman, VS Code

Design & Prototyping: Figma, UI component architecture, user flow design, wireframing, mobile-first design

Soft Skills: Client communication, cross-functional collaboration, Agile/Scrum, problem-solving, managing multiple projects simultaneously

EXPERIENCE

Web & Software Developer | [Ministry of Children, Community and Social Services \(CYSSC\)](#) | North York, ON | Jan 2025 – Aug 2025

- Designed and developed responsive web interfaces and data-driven dashboards consumed by 50+ internal users daily, improving front-end rendering performance by 20% through optimized component architecture and query tuning.
- Collaborated closely with designers, product stakeholders, and backend engineers to translate business requirements into clean, functional, and user-centered web solutions across integrated software platforms.
- Implemented and maintained automated test suites increasing test coverage by 40%, and performed root cause analysis on defects pre and post deployment to ensure stable, high-quality releases.
- Contributed to peer code reviews, technical documentation, and CI/CD pipeline management, consistently delivering maintainable, extensible code aligned to team standards and project timelines.

Inventory Control & Quality Assurance Analyst | [Amazon Fulfillment Centre \(YHM1\)](#) | Hamilton, ON | Aug 2022 – Dec 2024

- Maintained 99% accuracy across high-volume data validation workflows in automated systems, demonstrating strong attention to detail and disciplined quality standards under production pressure.
- Proactively identified and resolved system issues through structured troubleshooting, reducing operational downtime by 25% in a fast-paced, deadline-driven environment.
- Collaborated with cross-functional teams on process improvement initiatives, applying a solutions-focused approach and consistently delivering results while managing competing priorities.

Web & Data Integration Developer | [NFS Clothing Inc.](#) | Uttarakhand, India | Dec 2020 – Dec 2021

- Built and deployed client-facing web interfaces and BI dashboards supporting payroll, inventory, and reporting workflows, reducing manual data workload by 40% through automated front-end display and formatting solutions.
- Developed and integrated REST API-driven data pipelines into web applications, improving data processing efficiency by 30% through schema optimization and frontend rendering improvements.
- Collaborated with clients to gather requirements, translate briefs into actionable development plans, and deliver polished, functional web products aligned to client branding and business objectives.

Junior Web & Reporting Developer | [Jeans Shoppe Inc.](#) | Uttar Pradesh, India | Jul 2018 – Nov 2020

- Designed and developed web-based reporting interfaces managing 5,000+ records, improving data retrieval and display performance by 30% through query optimization, indexing, and frontend output design.
- Worked directly with clients and internal teams to understand needs, document requirements, and deliver high-quality web solutions demonstrating strong communication, problem-solving, and attention to detail.

PROJECTS

WalkinWatch — Full-Stack Web Application & Data Platform | Jan 2025 – Dec 2025

React, Node.js, PostgreSQL, WebSockets, REST APIs, HTML5, CSS3, JavaScript

- Architected and delivered a full-stack web application end-to-end, building responsive frontend interfaces, real-time data pipelines, and interactive dashboards; achieved 100% capstone evaluation through rigorous testing and Agile iteration.
- Implemented REST API integrations, WebSocket-driven live updates, and cross-browser compatible UI components, resolving defects across the full release lifecycle with zero critical post-launch issues.

GitHub: github.com/872000/walkinwatch-frontend

SportSense — High-Performance Web Analytics Platform | Sep 2024 – Dec 2024

Python, Java, SQL, JavaScript, REST APIs, Performance Optimization, UI Output Design

- Built a performant web-based analytics platform processing 1,000+ daily data requests, improving system efficiency by 30% through query optimization, frontend rendering improvements, and structured performance benchmarking.
- Designed and delivered clean, data-driven UI outputs aligned to client reporting needs, collaborating with developers to resolve integration defects and ensure stable cross-platform functionality.

GitHub: github.com/872000

Sheridan Mobile App — Cross-Platform UI & UX Prototype | Academic Project

Figma, Mobile UI Design, Interaction Design, Prototyping, User Flow Architecture

- Designed and prototyped a full cross-platform mobile web application in Figma, covering user flows, navigation architecture, interaction states, and responsive layout systems for iOS and Android.
- Delivered a clickable prototype demonstrating screen-to-screen interactions, reusable UI components, and accessibility-aware design aligned to real-world mobile web standards and client-facing UX best practices.

Figma: [Figma Prototype](#)

UI Component Library — Reusable Web Interface System | Academic / Personal Project

TypeScript, React, HTML5, CSS3, Component Architecture, Accessibility, Cross-Browser Design

- Built a reusable web UI component library in TypeScript and React, applying component abstraction, prop-driven customization, and WCAG accessibility standards to produce scalable, maintainable interface building blocks.
- Documented component APIs and usage patterns to support reuse across multiple client-facing projects, reinforcing clean code practices and cross-team collaboration consistent with professional web development standards.

EDUCATION

Honors Bachelor of Computer Science (Mobile Computing) | Sheridan College, Oakville, ON | Jan 2022 – Dec 2025

Coursework: Web Development, Data Structures & Algorithms, OOP, Mobile Computing, Distributed Systems, UI/UX Design

CERTIFICATIONS & CONTINUOUS LEARNING

- AWS Certified Cloud Practitioner (In Progress) | Agile Practitioner Certification, SAFe (In Progress) | ISTQB Foundation Level (In Progress).
- SQL for Data Science, Data Science Foundations, Data Structures in C — LinkedIn Learning (May 2024 – Present).
- Android Application Development — LinkedIn Learning (May 2024 – Present) — Mobile web development, lifecycle management, cross-platform design patterns.