

# Sai Satti

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## Front-End Developer | Software Developer - Accessibility and Inclusive Design Focus

Front-end developer with strong JavaScript and React skills, backed by additional experience in Python and software development fundamentals. Known for rapid, coachable learning, independent problem-solving, and delivering clean, reliable features. Built 15 projects with an average **97% Lighthouse accessibility score**, consistently surpassing academic requirements with creative, user-centered interfaces. Recognized at previous workplaces for exceeding expectations, strong communication, reliability, and a thoughtful, follow-through work style that teams trust.

## Skills

- **Languages and libraries:** HTML, CSS, JavaScript (JS), Python, React, Bootstrap; currently learning TypeScript
- **Front-end testing:** User Interface (UI)/User Experience (UX), validation, functional, visual, accessibility, regression, and cross-browser/device testing, Search Engine Optimization (SEO), and performance checks
- **Accessibility and inclusive design:** Semantic HTML, WCAG standards, color contrast, ARIA roles, keyboard navigation, focus management, Lighthouse audits, accessibility tree analysis, assistive technology simulations
- **Soft skills:** Collaborative problem solving, adaptability, rapid learning, user-centered thinking, attention to detail
- **Tools:** GitHub, Netlify, VS Code, browser IDEs, Figma, Chrome DevTools accessibility suite (Lighthouse, Rendering, Accessibility Tree), ARC Toolkit, Web Accessibility Evaluation (WAVE), SilkTide Inspector
- **Others:** Version control, REST API integration including Artificial Intelligence (AI), responsive design, UX/UI principles

## Projects

**Python AI-integrated Travel Planner | SheCodes | 06/2025:** Built a CLI app generating personalized travel plans by solving complexity in multi-API integration, dynamic input validation, and structured AI-driven content formatting.

**React Dictionary Web App | SheCodes | 05/2025:** Rendered structured API data into a responsive, multi-layout UI with two API calls, accessibility improvements, functional testing, and performance optimizations.

**Vanilla JavaScript Weather App | SheCodes | 12/2024:** Developed a multi-page weather application using vanilla JS; implemented dynamic UI updates, API error handling, and cross-browser visual testing to ensure consistent UX.

**Others | SheCodes | 04/2023 - 06/2025:** 12 additional projects built with React, Vanilla JavaScript, and Python, featuring responsive layouts, API integrations, accessibility enhancements, and AI-assisted tools.

## Education

**Software Development Training | SheCodes | Remote | 04/2023 - 09/2025**

2 diplomas (Junior Developer 09/2025, Junior Front-End Developer 05/2025), and 13 certificates across front-end, advanced React, accessibility, Python, AI, and professional development.

**Graduate Certificate in Project Management | Conestoga College | ON, Canada | 05/2018 - 12/2018**

Graduated with High Distinction (3.91/4 GPA). Gained hands-on experience with agile practices, iterative improvement, stakeholder communication, and full project lifecycle execution.

## Work Experience

**Machine Operator | The Data Cable Co. Inc. | ON, Canada | 11/2020 - 04/2023**

Boosted efficiency by 60% through automation, reduced waste by 40% through proactive testing, achieved over 90% on productivity scores, and was promoted from Assembler to Machine Operator in 9 months for consistent reliability and process improvements.

**Swing Manager | McDonald's Canada | ON, Canada | 10/2017 - 07/2020**

Promoted rapidly from Crew Member to Swing Manager after demonstrating leadership, communication, and customer experience excellence. Only employee (out of 60+) to receive the "Exceeded Expectations" performance recognition.