

David McConkey

Full-stack Software Engineer

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I am a dynamic Software Engineer based in Ottawa, Ontario, Canada specializing in full-stack development. My proficiency in front-end technologies, particularly React and TypeScript, is complemented by strong expertise in deploying diverse SQL-based databases with Node for seamless integration, prioritizing reliability and security. I am dedicated to optimizing web performance, enhancing accessibility, and adhering to modern security standards, ensuring the consistent delivery of robust applications that make a positive impact on the digital landscape.

Technical Skills	TypeScript, React, CSS, Styled-Components, Tailwind CSS, HTML, REST API, Jest, Docker, MongoDB, node.js, npm, Express, Python, Angular, Zustand, Redux, Secure Coding Principles, Web Exploit Mitigation, User Authentication
Tool Proficiencies	VS Code, Git, GitHub, GitLab, Chrome Lighthouse, Chromium, Bash, MacOS, Linux, Postman
Experience	Full-Stack Developer & Designer - Freelance Consultant Mar 2023 - Current Angular, React, Node.js, Express, MongoDB, MySQL, Sass <ul style="list-style-type: none">Crafted <i>dynamic websites and web applications</i> for small to medium-sized businesses, employing a <i>tech stack</i> featuring React, TypeScript, Tailwind CSS, Node, MongoDB, and more.Utilized Adobe Creative Cloud tools, to designed impactful digital and print assets for clients.Through effective project management, I built a robust freelance client base, consistently exceeding expectations by delivering high-quality work ahead of schedule.
	Technical Reviewer - Packt Publishing July 2023 - Sept 2023 <ul style="list-style-type: none">Conducted thorough reviews of software code, ensuring adherence to coding standards and best practices.Collaborated with development teams to identify and address code quality issues, contributing to overall improvement in software reliability and performance.Analyzed and provided constructive feedback on software design documents, identifying potential design flaws and proposing alternative solutions.
	BarMate - Freelance Consultant June 2023 - July 2023 <ul style="list-style-type: none">Employed TypeScript for strong typing and enhanced code maintainability.Utilized React to craft dynamic and responsive user interfaces.Implemented Python for efficient backend logic and server-side functionalities.Utilized PostgreSQL for a robust and scalable relational database solution.Integrated Redux for streamlined state management within the application.Replaced traditional recipe books with BarMate, a sleek desktop and mobile app with a captivating, user friendly interface for quick access to up-to-date drink recipes, designed to engage users of all preferences.
	GloboGlot - Freelance Consultant May 2023 - June 2023 <ul style="list-style-type: none">Leveraged TypeScript for strong typing, improving code maintainability and enhancing application reliability.Employed React to craft dynamic user interfaces, creating an immersive learning environment.Utilized Next.js to boost performance and optimize server-side rendering, contributing to a seamless user experience.Implemented Tailwind for streamlined, responsive UI design, prioritizing accessibility and user-friendliness.Integrated Zustand for efficient state management, ensuring smooth interactions within the application.Designed and implemented a Duolingo-inspired application emphasizing interactive storytelling for engaging language learning.Created an intuitive mobile application with a responsive UI to prioritize a seamless user experience and enhance accessibility.
	Bartender – Boston Pizza May 2021 - Current <ul style="list-style-type: none">Demonstrated effective communication as a bartender, ensuring customer satisfaction.Collaborated seamlessly with team members in the bar setting, contributing to a positive work environment.Developed creative solutions to address customer issues and enhance their experience.
Education	Full-Stack Software Engineering Technical Certificate - Springboard Dec 2022 - Sep 2023 JavaScript, TypeScript, Node, Express, Python, posgreSQL, React, Angular, Redux
	CS50 - HarvardX (online education programme of Harvard University) Sep 2022 C, Python, SQL, Algorithms, Data Structures
	Bachelor of Organizational Psychology - Carleton University Aug 2018 - Aug 2022 Deep understanding of organizational dynamics and human behaviour