

SUKHBIR KAUR CHUNG, B.ENG., M.ENG.

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TECHNICAL SKILLS

Computer Science: Data Structures and Algorithms, Regular Expressions

Frontend & Backend: JavaScript, React, Node.js, HTML, CSS, Web Accessibility, SEO

Database: NoSQL, MongoDB

Design: Figma, Canva

Developer Tools: Git, VS Code

EXPERIENCE

Full Stack Web Developer

May 2023 – Present

Paptido Inc.

Hamilton, ON

- Developed full-stack web applications using JavaScript, React, and Node.js, to deliver responsive, user-friendly interfaces and reliable backend functionality
- Performed **client- and server-side form validation** using JavaScript and Node.js, ensuring data accuracy, preventing invalid submissions, and enhancing overall application reliability
- Implemented **session management and cookies** with **Node.js and Express**, ensuring secure authentication and preventing unauthorized access
- Utilized **environment variables** to securely store sensitive configuration, preventing exposure of credentials during deployment
- Executed **error handling** via **try/catch blocks** to gracefully manage exceptions, enhancing system reliability
- Used a single **Node.js app with Nodemailer** to handle contact form submissions from multiple client sites and forward them to their respective inboxes, automating email delivery

EDUCATION

University of Waterloo

May 2018 – Aug 2019

M.Eng. in Electrical & Computer Engineering | 3.3/4.0 GPA

Waterloo, ON

Manitoba Institute of Trades and Technology

Jan 2014 – Oct 2014

Network Systems Administration

Winnipeg, MB

Guru Nanak Dev University

Aug 2009 – May 2013

B.Eng. in Computer Science and Engineering

Amritsar, PB

PROJECTS

Recipe Management System | *React, Context API, Node.js, Express.js, MongoDB, Cloudinary, JWT, REST APIs*

- Developed a **full-stack recipe management platform** with secure user authentication (**JWT-based login/register**), enabling users to create, manage, and organize personal recipe collections
- Designed and implemented **RESTful APIs** using Node.js, Express.js, and Mongoose, supporting full **CRUD operations** with structured MongoDB data models and validation
- Built reusable React **Context-based custom hooks** to manage global application state and authentication flow, **reducing prop drilling** and improving code maintainability
- Implemented role-based **user session handling** and persistent authentication state across page reloads **using token storage and protected routes**
- Enabled **image upload functionality** using Cloudinary integration, allowing users to attach and manage recipe images efficiently with external media storage

Star Beauty Artistry | *JavaScript, Node.js, MongoDB, HTML, CSS, Promises, APIs*

- Developed a **full-stack appointment booking system** for a makeup artist client, eliminating manual appointment scheduling and **reducing administrative workload by over 80%**
- Built a **dynamic cart system using localStorage** to maintain cart state across multiple pages, enabling real-time price updates and reducing checkout errors
- Implemented a gallery with **CSS Flexbox** and integrated Google Reviews via Elfsight, boosting client engagement and encouraging higher booking conversions
- Created a backend app using **Node.js and Twilio** to automatically send appointment confirmations and cancellations, improving client communication and freeing the owner from manual messaging

Register Login Landing Page | *JavaScript, Node.js, Passport & Crypto npm Packages, Axios, HTML, CSS*

- Designed an **authentication and authorization system** safeguarding user data, providing secure access control, and ensuring a seamless login experience
- Performed **CRUD operations** on user accounts with **email-based 6-digit verification**, ensuring secure, valid registrations and preventing fake accounts
- Hashed user passwords** with Passport and Crypto npm packages prior to storing in **MongoDB** database, ensuring secure authentication and **protecting against data breaches**

CERTIFICATIONS

React - The Complete Guide (incl. Next.js, Redux)	Apr 2026
JavaScript - The Complete Guide (Beginner + Advanced)	Apr 2023
The Web Developer Bootcamp	Apr 2023
JavaScript Algorithms and Data Structures Masterclass	Sep 2025
How To Design for Accessibility: for UX Designers (WCAG 2.2)	Oct 2025
Complete Web Design: from Figma to Webflow	Nov 2025