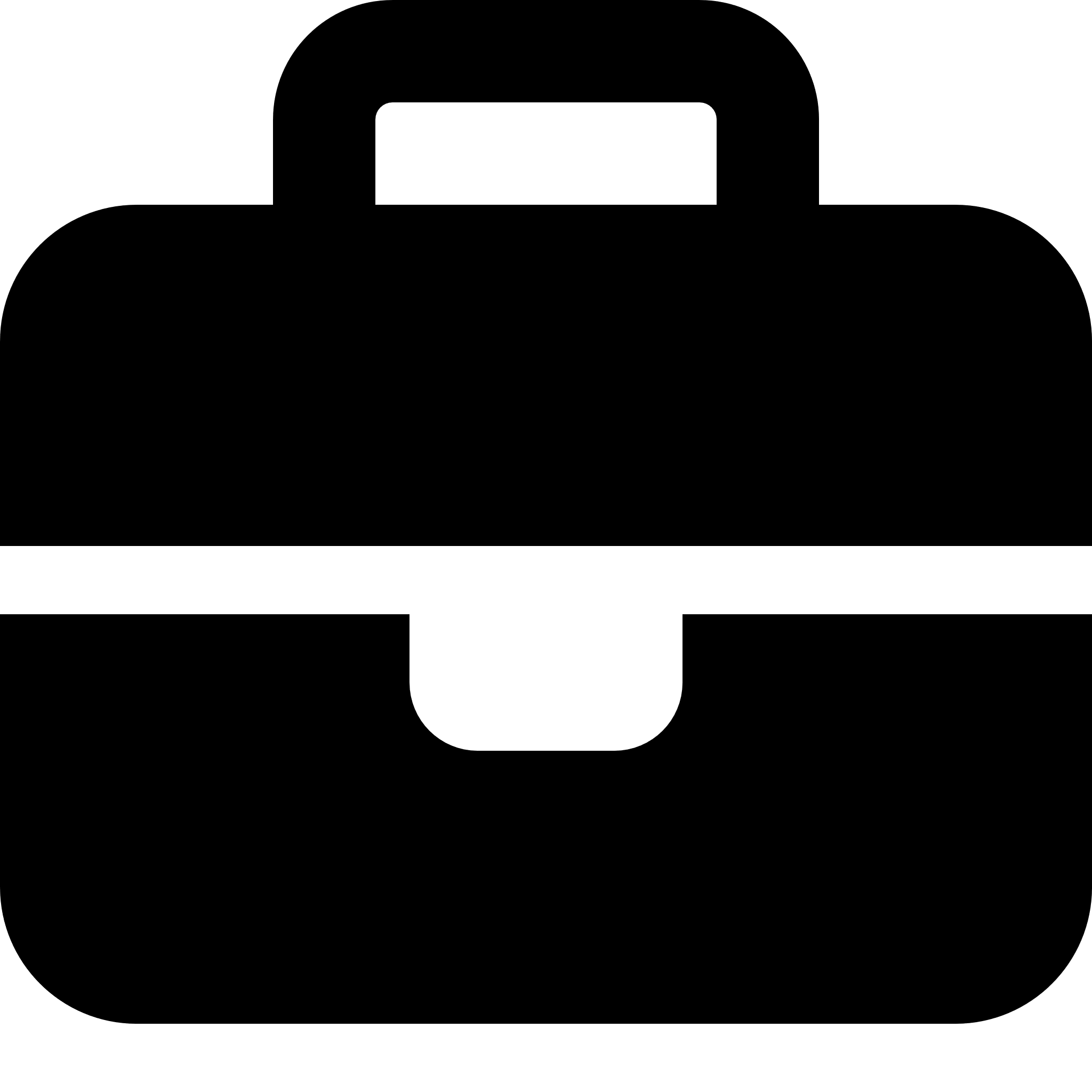
**CHAITALI MERAI**

**Kitchener, ON, Canada** [**meraichaitali1912@yahoo.com**](mailto:meraichaitali1912@yahoo.com) **(+1) 437-971-9758** [**/in-chaitali-merai**](https://www.linkedin.com/in/chaitali-merai-1b8b4a198/)[**View Portfolio**](https://meraichaitali75.github.io/portfolio/)

**Professional Summary**

Results-oriented **Senior** **Software Developer** with 8+ years of experience developing user-centric, responsive, and accessible web applications. Proven expertise in **JavaScript, React.js, Next.js, and TypeScript** with a strong command of **modern UI/UX design**, web designing, strong knowledge of **Data Structures & Algorithms (DSA)**, **AODA compliance, API integration, and problem-solving, and performance optimization techniques**.

**Technical Skills**

**Languages & Frameworks:** JavaScript(ES6+), TypeScript, React.js, Next.js, Angular, PHP, jQuery, HTML5, CSS3, Tailwind CSS, SCSS, Bootstrap

**Backend & CMS:** PHP (OOP), MySQL, MongoDB, SQL Server, WordPress, GraphQL, REST APIs

**Cloud & DevOps:** AWS (EC2, S3, RDS), Azure (DevOps, CI/CD), GitHub Actions, Firebase

**Tools:** Git, GitHub, Visual Studio, VS Code, Postman, JIRA, Storybook

**UI/UX Design:** Figma, Adobe XD, Photoshop, Material UI, Styled Components

**Frameworks & Technologies:** React.js, Bootstrap, SASS, LESS, REST API, Web API, Object Oriented Programming, Design Patterns, Data Structures, Entity Framework, Agile Methodology, SDLC

**DSA & Algorithms:** Sorting (Merge/Quick/Heap), Searching (Binary, BFS, DFS), Graphs, Trees, DP Problem Solving

**Testing & QA:** Jest, Cypress, Test-Driven Development (TDD)

**Other Technologies:** REST APIs, SEO, Google Analytics, Stripe, PayPal Integration

**Methods:** Agile (Scrum), TDD, Performance Optimization, Code Reviews

**Professional Experience**

**Freelance Software Developer | Zestbrains Pvt. Ltd Mar 2023 – Present**

* Delivered 5+ freelance projects in eCommerce, logistics, and SaaS domains using React.js and Next.js with optimized algorithm design for dynamic filtering, search, and pagination.
* Created secure authentication flows using JWT and Firebase Auth for multi-tenant platforms with custom token validation algorithms.
* Built scalable CMS platforms in PHP/WordPress integrating third-party APIs and payment gateways with efficient data handling using appropriate data structures (e.g., hash maps, trees for menu hierarchies).
* Deployed web applications on AWS (EC2, RDS, S3) and configured CI/CD pipelines using GitHub Actions.
* Participated in Git-based workflows with Pull Requests, code reviews, and continuous integration pipelines (CI/CD via GitHub Actions).
* Worked closely with overseas stakeholders, delivering weekly demos, documentation, and architecture proposals within Agile Scrum sprints.
* Utilizes AI tools and prompt engineering to streamline development and boost productivity.

**Senior Software Engineer | Green Apex Technolabs, India Sept 2021 – Feb 2023**

* Led development of Yup.gg, integrating social APIs (Instagram, Facebook, Twitch, Twitter) using queue-based data structures for efficient feed processing and updates.
* Built and maintained scalable applications using React.js (with Hooks, Context API, Zustand) and Angular (v10+) with advanced routing and reactive form patterns.
* Engineered robust TypeScript-based architecture, improving type safety, autocompletion, and error handling across large-scale frontend projects.
* Migrated legacy monolithic frontend codebases to a Micro Frontend architecture using Webpack Module Federation, increasing team autonomy and deployment flexibility.
* Designed and implemented responsive and accessible UIs using Tailwind CSS, Styled Components, and Material UI, optimized for WCAG/AODA compliance.
* Applied algorithm design principles to implement lazy loading, memoization, and bundle splitting, improving load times by ~35%.
* Developed shared UI component libraries (npm workspace + Storybook) for internal reuse across multiple applications and teams.
* Integrated secure auth flows (JWT, OAuth2) with proper error handling, leveraging data structures for managing token state and refresh queues.

**Senior Web Developer | Zestbrains Pvt. Ltd, India Jan 2020 – Aug 2021**

* Developed and maintained 10+ full-stack web applications for clients in retail, healthcare, education, and logistics, using Angular, React.js, and Bootstrap.
* Delivered single-page applications with router-based navigation, lazy modules, and form validation using Angular Reactive Forms and Template-driven Forms.
* Applied Atomic Design principles and built reusable components, custom directives, and shared services to reduce redundancy.
* Built pixel-perfect frontends from Figma/Adobe XD wireframes using responsive CSS (SCSS, Flexbox, Grid), adhering to modern UX/UI principles.
* Optimized performance using asynchronous data fetching strategies, efficient array operations, and dynamic imports.
* Refactored legacy jQuery and PHP-based UIs into modern React components with hooks and context management.
* Built secure, modular auth flows with JWT/OAuth and session persistence using state machines and graph-based route guards.
* Conducted code reviews and mentored junior developers in HTML5, SCSS, TypeScript, Angular CLI, and Git branching strategy.
* Frequently applied data structures and algorithms (DSA) concepts such as recursion, stack/queue usage, and tree traversal in building features like dropdowns, calendars, and form wizards.

**Frontend Developer | Jellynut Technology, India June 2014 – Dec 2019**

* Designed and developed user-centric interfaces using React, Material UI, and Styled Components.
* Actively participated in training sessions to enhance technical skills and stay updated with emerging technologies.
* Learned SCSS, responsive web design principles, and W3C standards through formal training and project work.
* Wrote, evaluated, and debugged React code using various frameworks and libraries like Material UI, Semantic UI React, Styled components, React Hook Form, Prettier, Ant-design, and React Spinner
* Learned JavaScript, Cocos2dx and applied it in projects like Reading Detective, Math Detective and Science Detective and each has three different levels such as Beginning, A1, B1.
* Wrote, evaluated, and debugged Python code using various frameworks and libraries like Lightbox, Accordion.
* Used Firebase for push notifications, Google Maps API, Google Analytics, Geolocation, Google Maps, Splash screen, Keyboard, Camera, Local notification, File System, Dialog, Dialog and much more.
* Utilizes AI tools and prompt engineering to streamline development and boost productivity.

**Projects**

**Indian Basket – Online Grocery Store •** [**indianbasket.rf.gd**](https://indianbasket.rf.gd)  
Built PHP & MySQL-based eCommerce grocery store with Stripe Checkout, admin panel, dynamic invoice PDF, and full order management system **LocalCare – Doctor Listing Platform •** [**Doctor Listing App**](https://meraichaitali75.github.io/localcare/doctor/index.html)  
React js and Next.js doctor directory with category/location filters, SEO optimization, and AODA-compliant UI

**Green Apex Corporate Website •** [**green-apex.com**](https://green-apex.com)

Corporate website using React + Headless CMS, deployed via AWS (EC2, S3, CloudFront)

**Loktej – Gujarati News Portal** • [**loktej.com**](loktej.com)  
Multilingual news site built with WordPress, PHP, and MySQL. Developed custom themes/plugins, integrated RSS & social sharing, and optimized performance with lazy loading and caching. Enabled admin-friendly content publishing by category.

**Social Platforms**  
**Portfolio**: <https://meraichaitali75.github.io/portfolio/>

[**Linkedin**](file:///C:\Chaitali\IT%20RESUME-2025\IT\Linkedin): <https://www.linkedin.com/in/chaitali-merai-1b8b4a198/>

**Education  
  
Web Development |** Conestoga College, kitchener, ON Canada | GPA - 3.36/4 **Jan 2024 – Apr 2025**

**Bachelor of Computer Application (BCA)** | VNSGU, Gujarat, India **Jan 2011 – Apr 2014**

**Open Work Permit Holder – Eligible to work in Canada without sponsorship**