

CHAITALI MERAI

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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**

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

React.js and Next.js doctor directory with category/location filters, SEO optimization, and AODA-compliant UI

Green Apex Corporate Website • green-apex.com

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

Loktej – Gujarati News Portal • 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: <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 – Feb 2014

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