

# CHANCHAL

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## Design-to-Launch Ownership | Reusable Component Development | AI Empowered Engineer

- **Passionate** and **hybrid skillset** Frontend Engineer with 5+ years of experience specializing in the **full-cycle delivery** of scalable and accessible websites. Expert at bridging the gap between high-fidelity **UI/UX design** and robust **frontend engineering**. Proven track record of delivering 70+ projects for government and enterprise clients with strong component-based UI development by leveraging **AI-assisted workflows** to accelerate delivery and ensure code quality.

## SKILLS

- **Languages & Frameworks:** JavaScript (ES6+), React, jQuery, HTML5, CSS3/SCSS, Bootstrap
- **Frontend Engineering:** Figma , Reusable UI Component, Accessibility (WCAG/AODA), Performance Optimization, Responsive design , Cross-Browser Testing
- **CMS Platforms:** WordPress, HubSpot, Shopify, Wix
- **AI/LLMs:** GitHub Copilot, Prompt Engineering, LLM-powered analysis tools, AI-assisted code refactoring

## WORK EXPERIENCE

### Web Developer & Founder | BGCTO, Canada Mar 2023 - Present

- Manage the business, taking full ownership of the design strategy, product roadmap, and full-cycle delivery for enterprise-level solutions.
- Lead continuous development of core business platforms, including a **dynamic pricing form platform** and a secure **Client & Admin Portal system** using JavaScript, React, and SCSS.
- Optimized platform performance through advanced bundling and asset management, consistently achieving **90+** PageSpeed Insight score.
- Client Project (**ERP Portal**): Redesigned a legacy **employee self-service portal**, streamlining complex workflows for absence requests, reimbursement claims, timesheet editing, payroll viewing and account recovery. Achieved **100%** user satisfaction.

### Frontend Developer | GHD Digital (now GovStack), Canada Nov 2021 - Jan 2023

- Delivered **60+** complex, high-traffic **government websites** with clean, stable and scalable front-end code.
- Built reusable UI components and SCSS utilities, increasing overall team development velocity by **30%**.
- Implemented **HTML5, CSS, JavaScript, and React** best practice to deliver high-performance, responsive, and **WCAG 2.1** compliant web platforms. Optimized the critical rendering path via lazy loading and caching strategies to ensure lightning-fast load times across all devices.
- Partnered with UI designers and backend engineers in an **Agile** environment to translate complex multi-level Figma prototypes into modular, cross-browser compatible code.

### Web Developer | Communitech, Canada (contract) Jan 2021 - Jun 2021

- Led the end-to-end strategy and execution for the UI/UX design, custom theming development, hosting and SEO of **12 custom CMS websites** (WordPress, Shopify), serving as the primary technical point of contact.
- Spearheaded the rebranding strategy by collaborating directly with stakeholders to define UI requirements and component architectures, while coaching clients on digital best practices to elevate Customer Success.
- Optimized the loading speed by implementing asset compression, structured layouts, and efficient template designs.

## EDUCATION

- Postgraduate in **Web and App Development**, Conestoga College, Canada. *2019 - 2020*
- Bachelor of **Computer Science**, CVTU, India. *2012 - 2016*