Chandan Kumar Swain

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Professional Summary

Self-motivated Frontend Developer with expertise in TypeScript, JavaScript, React.js and Tailwind CSS, transitioning from a successful 4-year career in the finance sector. Skilled at combining analytical thinking with creative problem-solving to deliver efficient, user-focused web solutions. Proven track record in meeting deadlines, managing client requirements, and ensuring accuracy now leveraging these skills to build intuitive and high-performance web applications.

Core Competencies

- **Languages:** JavaScript (ES6+), TypeScript
- **Frameworks/Libraries:** React.js, Redux
- **Skeleton & Styling:** HTML (ARIA roles),CSS3, Styled-Components, Tailwind CSS
- **Tools:** Vite, Git, Postman, Vercel and Chrome DevTools
- **Finance Skills:** Process Optimization, Data Accuracy, Stakeholder Coordination

Projects and Professional Experience

🔗 **NAVI DELHI METRO** – **Metro Route Planner** *(React.js, Tailwind CSS)*
- Built an interactive metro planner allowing users to find the shortest route or minimum interchange
- Integrated real-time APIs to fetch station lists, line details, and route options dynamically.
- Used state management for user inputs, route calculations, and API responses.
- Designed a fully responsive UI optimized for desktop, tablet, and mobile devices.

🔗 **TYPE-Z** **– Typing Speed and Accuracy Tracker** *(React.js, Tailwind CSS, Redux)*
- Developed a typing speed test app measuring WPM, accuracy, and error rate in real time.
- Implemented dynamic word highlighting to show correct and incorrect text instantly.
- Added live accuracy calculations with every keystroke for immediate feedback.

🔗 **WORDIO** **– Smart Dictionary & Real-Time Translation App** *(React.js, Tailwind CSS, Tesseract)*
- Built a feature-rich language tool supporting text search**,** file import**,** image capture (OCR)**,** and voice-based translation**.**
- Integrated APIs to provide instant definitions, synonyms, and multi-language translations**.**
- Implemented speech-to-text for voice input and image text extraction for capture translations.

Backend Operations Executive – First India Group – Channel Partner (Banks and NBFCs)
Aug 2020 – Present | Rajendra Place, India

- Processed and verified loan applications, ensuring 100% compliance with internal and regulatory guidelines.
- Conducted eligibility assessments and verified documentation to maintain accuracy and prevent errors.
- Coordinated with clients, branch teams, and external partners to ensure on-time loan disbursal.
- Maintained high data integrity in financial records and client reports**.**

Achievements

- Successfully transitioned from finance to front end development by completing real world projects.
- Deployed 3+ web apps demonstrating responsive UI & API integration.
- Coordinated with clients, branch teams, and external partners to ensure on-time loan disbursal.

Education

Master of Computer Application (MCA) – IGNOU Delhi (2021 – 2024)
Bachelor of Computer Application (BCA) – Guru Gobind Singh Indraprastha University Delhi (2016-2019)
XII – Guru Tegh Bahadur 3rd Centenary Public School (2016)