# Chenxuan (Leo) Wang

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## SUMMARY

Full-stack web developer with 1.5 years of experience building scalable, user-focused applications using React, Next.js, and Node.js. Strong foundation in algorithms and software design, with proven success optimizing backend performance and delivering engaging user experiences. Recognized for being a collaborative team player with excellent problem-solving and analytical skills.

## EXPERIENCE

### DM Solving Corporation
Full Stack Developer · May 2024 to Dec 2025 · North York, ON

- Designed and developed a healthcare booking system, including database schema, connections, and user interface layout. Implemented interactive booking animations with **Next.js** and libraries like Framer Motion and Redux, improving user engagement.
- Developed and implemented backend services for managing and updating booking slots with **Node.js, Prisma** and **PostgreSQL**.
- Protected legacy APIs from excessive traffic by implementing **rate limiting and throttling**, reducing server load by 40% and preventing service downtime during peak traffic periods (up to 10,000 requests per minute).
- Optimized data processing using **Redis caching**, reducing server response times and boosting throughput by 23%.
- Built the **OAuth** flow with **JWT** tokens and integrated role-based authentication and authorization.

### ID Cosmetic Clinic
Web Developer · Nov 2023 to May 2024 · Markham, ON

- Refreshed the old **React.js** + **Sanity** website by redesigning and upgrading the frontend home page and service page.
- Enhanced Website Performance by adjusting website layout and optimized **Redux** Store structure, resulting in a 7% reduction in response time and a 56% reduction in Cumulative Layout Shift (CLS), improving Core Web Vitals score.
- Improved loading speed by 32% through **Gatsby**'s static site generation and data sourcing capabilities, resulting in faster page load times and better user experience.
- Implemented effective **SEO strategies** that increased organic traffic by 21% over 3 months.

### FreeLancer
Backend Developer · Oct 2022 to Feb 2023 · Remote

- Developed **RESTful APIs** for a private HR management project using **Java** and **Spring Boot**.
- Designed and implemented backend services that facilitated seamless communication between the frontend and backend, ensuring efficient fetching of employee profile data. Implemented best practices to enhance API responsiveness and reduce query execution time, contributing to an overall improvement in application performance.
- Utilized **JDBC API**s to connect to an **AWS RDS** database, enabling the application to manage large volumes of data while maintaining high performance for each query.

## EDUCATION

University of Alberta · Bachelor of Computer Science with Honours                    Sep 2019 to June 2023

## SKILLS

**Languages:** Java, JavaScript, Typescript, Python, HTML5, CSS3
**Database Management:** MySQL, PostgreSQL, SQLite, Redis, SQL
**Web Development:** Next.js, React.js, Node.js, Django, Spring Boot, Redux, Tailwind, OAuth 2.0,  JWT, ORM(Prisma)
**Cloud & Infrastructure:** Git, AWS(EC2,RDS), Docker, Vercel
**Methodologies & Practices:**  Agile/Scrum, Test-Driven Development (TDD)

## PROJECTS

Portfolio Website ( https://designerfeiran.com/)
Technologies: Next.js, Typescript, framer-motion, Redux, Vercel

- Built a responsive, user-friendly portfolio website for a UI/UX designer client.
- Created a dynamic, responsive user interface using **Framer Motion** to deliver seamless animations and transitions
- Translated client requirements into a modern responsive design, improving site engagement and load performance.