Chenxuan (Leo) Wang

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SUMMARY

A motivated web developer with 1.5 years of experience in full-stack development, skilled in building dynamic, user-centric applications. Strong foundation in DSA , with a solid understanding of the SDLC and agile methodologies. Recognized for being a collaborative team player with excellent problem-solving and analytical skills. Passionate about delivering high-quality code and continuously expanding knowledge in emerging technologies. Currently interested in AI with a focus on LLM.

EXPERIENCE

DM Solving Corporation
Full Stack Developer · May 2024 to Current · North York, ON

- Designed and developed a healthcare booking system, including database schema, connections, and user interface layout. Created sophisticated interactive animations for multiple booking and managing appointments with **Next.js**, leveraging third-party libraries such as **Redux**, **framer-motion** and **Swiper**.
- 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% decrease in CLS.
- 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.
- Also implemented effective **SEO strategies** that increased organic traffic by 21% over 3 months.

FreeLancer
Backend Developer · Oct 2022 to Feb 2023 · Remote

- Involved in a private HR management project where I delivered **RESTful APIs** for the backend with **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, SQL
Database Management: MySQL, PostgreSQL, SQLite, Redis
Frameworks & Libraries: Next.js, React.js, Node.js, Django, Spring Boot, Redux, Prism, Tailwind
Cloud & Infrastructure: Git, AWS(EC2,RDS), Docker, Vercel
Methodologies: Agile/Scrum, Test-Driven Development (TDD), Unit Testing

PROJECTS

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

- Developed a responsive, user-friendly portfolio website for a UI/UX Designer friend.
- Integrated gallery features, and optimized performance for faster loading times.
- Created a dynamic, responsive user interface using **Framer Motion** to deliver seamless animations and transitions
- Collaborated with the client to understand their needs and delivered a website that met their vision.