

# Chensheng Xu

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A passionate online business owner with **2 years of full-stack web development** experience focusing on MERN stack. Started online business during university as a hobby, continued **entrepreneurship** since 2018. Began fascinated in how websites are created and **self-taught** developing, deploying personal projects and contributing to **open-source projects**.

## SKILLS

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JavaScript | TypeScript | Python | HTML/CSS | React.js | Next.js | Vue.js | Node.js | Express.js | Django | MongoDB  
Redis | MySQL | PostgreSQL | Redux | Jest | Postman | Tailwind | OAuth2 | Docker | AWS | Git | GitHub

## WORK EXPERIENCE

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### Full Stack Developer

Toronto, ON

xuleathers

Jan 2022 – Present

- Self-taught full-stack web development, developed and deployed personal **MERN projects** and various tech stacks.
- Utilized **API-first design** developing and deploying full-stack projects independently with frameworks like **React.js**, **Next.js** and **Node.js**. Continued learning new languages, frameworks and skills for building new projects.
- Designed and optimized back-end **database structures** for projects with various databases like document-based **MongoDB**, and relational databases like **MySQL** and **PostgreSQL**.
- Teamed up with founding members for **open-source projects**, drafting web app designs like features and MVP, improving Figma UI/UX designs, optimized database structure with **Python** and **Django** framework, implemented **CI/CD** procedures like Github Actions, and used containerization tools with **Docker**.
- Contributed and maintained in open-source projects including managing full-site **accessibility** improvements, including improving designs to meet **WCAG** standards, adding tab-select controls, and keyboard support.
- Implemented new **features**, fixed known **issues** for various open source projects with React.js, Vue.js and Ruby, etc.

### Online Business Owner

Toronto, ON

xuleathers

Oct 2018 – Present

- **Founded** an online business, selling and making high-end custom-made leather products for clients around the world.
- Created web shops with Square online services. Utilized **e-commerce** platforms like Etsy and Instagram Shop to list products, promote shops, and manage marketing campaigns.
- Coordinated with individual clients to **create unique designs** for products, meeting clients' requirements.
- Established and maintained relationships with clients to bring recurring orders and resolved issues facing clients.
- Analyzed **sales and marketing data** from selling platforms, adapting to style trends, highlighting and perfecting core products, adjusting prices and meeting changing demands.

## PROJECTS

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### [Odinbook](#)

Jun 2023

- A Facebook-clone website project using MERN (MongoDB, Express, React, Node) stack with Next.js.
- Developed **REST** API with **Test Driven Design**, test covered with Jest and Supertest allowing CRUD actions to MongoDB database. Worked **API integration tests** with Postman for authorization and data manipulation.
- Implemented **authentication** with NextAuth and Passport.js for credential sign-up/log-in. Integrated Facebook public login API endpoint based on **JWT** allowing users to login with Facebook accounts.
- Designed front-end pages with **Next.js**, **Tailwind** and Bootstrap with **mobile-first responsive design** in mind.

### [Risk Visualizer](#)

May 2023

- Interactive **data visualization** app on Next13 in **TypeScript**, displaying climate risk predictions trends on users input.
- Integrated Google Maps SDK for a **fully interactive map**, accompanying interactive react-table and charts.
- Utilized **Redux** for complex state management due to the complicated nature of user interactions of the web app.

## EDUCATION

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### University of Toronto

Economics Specialist Program - Bachelor of Arts

2015 – 2019