Chensheng Xu

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A passionate self-starter with strong critical thinking and **problem-solving** skills. Started online business during university out of **passion**, and continued the **entrepreneurship** into a full-time business after graduation. Began **self-learning** web-development out of curiosity last year, where a full-stack MERN Facebook-clone website was the most recent project. **Eager to learn** and adapt to web development industry where amazing services are designed, programmed and **provided for everyone**.

Experience

Full Stack Developer   2022 – present
xuleathers
- Self-taught full-stack web development, developed personal **MERN projects** with different tech stacks.
- Utilized **API-first design** developing and deploying full-stack projects independently with frameworks like **React.js** and **Node.js** and continued learning new frameworks and skills for building new projects.
- Designed and optimized back-end **database structures** for projects with MongoDB's document-based features.
- Contributed in **open-source projects** including managing full-site **a11y** improvements and **i18n** implementations. Implemented new features and fixed known issues for both front-end and back-end.

Online Business Owner   2018 – present
xuleathers 🔗
- **Founded** online business, selling and making high-end bespoke leather products for individual clients around the world.
- Created web shop based on Square online services. Utilized **e-commerce platforms** like Etsy and Instagram Shop to list products, promote shop, and managed marketing campaigns.
- Coordinated with individual clients to **create unique designs** for products, meeting clients' requirements.
- Established and maintained great **relationships with clients** to bring recurring orders from previous trusted clients. Supported clients with after-services and **resolved issues** upon completing orders.
- Analyzed **sales and marketing data** from selling platforms, adapting to style trends, highlighting and perfecting core products, adjusting prices meeting changing demands.

Projects

Odinbook 🔗
Full-stack Facebook-clone Website
- A Facebook-clone website project using MERN (MongoDB, Express, React, Node.js) stack with Next.js.
- Developed RESTful API with **Test Driven Design**(jest & supertest) allowing CRUD actions from API endpoints.
- Implemented **authentication** with NextAuth and Passport.js for credential sign-up/log-in, Facebook log-in and JWT.
- Designed front-end with Next.js and Bootstrap where **responsive design** was prioritized.

Risk Visualizer 🔗
Front-end Interactive Data Visualization
- Interactive **data visualization** app built on Next13 in TypeScript, displaying climate risk predictions trends on users input.
- Implemented Google Maps SDK integration for a **fully interactive map**, accompanying interactive react-table and Chart.js.
- Utilized Redux for complex **state management** due to the complicated nature of user interactions of the app.

Toock 🔗
Front-end Tock Mock Website
- Developed front-end restaurant booking website on React.js and CSS, where users can browse and make reservations.
- Integrated Firebase Authentication on the website where users can sign-up/log-in with credentials or Google account.

Skills

JavaScript | TypeScript | React.js | Next.js | Vue.js | Redux | HTML/CSS | Node.js | Express | MongoDB
MySQL | Jest | Postman | Bootstrap | Tailwind | Firebase | Python | Docker | Git | GitHub

Education

University of Toronto   2015 – 2019
Economics Specialist Program - Bachelor of Arts