



Daniel Li

Professional Summary

- **5+ years** of experience in **Front-End** and **3+ years** of experience in **Back-End**, specializing in building, implementing, and testing full-scale UI web applications.
- Good experience in developing SPA using **HTML5, CSS3, JavaScript, TypeScript, Angular, Angular Material, and React**, across various browsers and thereby achieving cross-browser compatibility.
- Experience in working with **Angular CLI**, modules, services, templates, **reactive forms** and **validations, authentication, directives, pipes**, services, and dependency injection to create a SPA.
- Good amount of work was done on **NgRx** to maintain the state of the application.
- Decent experience in Improving Angular application's performance and security.
- Excellent working knowledge and thorough exposure to cross-browser/cross-device compatibility.
- Experience in developing web backend services to implement data transfer and authentication functionality to the web frontend via **Nodejs, Express.js** and **NestJS** service calls.
- Experienced **Java** developer proficient in developing backend services using **SpringBoot**. Skilled in utilizing **MySQL** as a database for efficient data management and retrieval.
- Good knowledge in **Waterfall** and **Agile methodologies** of the development process such as requirement analysis & definition, designing, coding, implementation, and testing.
- Hands-on experience in software configuration/change control process and tools like **Git**.
- Strong problem-solving, organizing, communication, and planning skills with the ability to work in a team environment.

Work History

Client: Fabuwood Cabinetry

New Jersey

May 2021 – Present

Project: Product Management Website

Description: The project aims to build a website to provide efficient inventory management and data analysis for users. The website's primary feature is an intuitive interface that allows administrators to view and manage inventory quantities after logging in. Additionally, the website

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Skills

Programming Languages

- JavaScript, TypeScript, Python, Java
HTML5, CSS/CSS3,

Enterprise & Web Technologies

- Angular 2+, Angular Material,
Ng-Bootstrap, React, jQuery.

Backend Technologies

- SpringBoot, Maven, MyBatis, Tomcat,
nodeJS express, NestJS.

Database Server

- MongoDB, Redis, MySQL

IDE

- VS Code, Microsoft Visual Studio,
Eclipse, IntelliJ, PyCharm.

Methodologies

- Agile (Scrum), Waterfall.

Others

- Team Foundation Server (TFS), Git,
SVN, JIRA, Postman.

provides statistical data and indicators to users, enabling them to analyze and make informed decisions regarding inventory management.

Responsibilities

- Designed wireframes and mockups for the admin Management Dashboard, helping administrators add and manage inventory quantities.
- Developed UI components and modules for the Dashboard interface using the Angular 10 framework and Angular Material for fast prototyping of custom UI components across the application.
- Conducted unit testing using Jasmine and Karma and end-to-end testing using Protractor to ensure high-quality code.
- Utilized Git, Github, and Github Actions to perform workflows that enabled continuous integration and delivery of feature updates and bug fixes to users.
- Leveraged NgxCharts to display usage statistics and metrics along with living monitoring of the user base.
- Implemented testing using Postmen for unit testing of the Node.js backend.
- Utilized TypeScript and Node.js libraries (Express) to develop and build backend API queries and mutations for application consumption, and used Postman to test endpoints.
- Used Angular Http client to fetch data and send requests to Express.js backend and JWT for user authentication and authorization across multiple backends.
- Collaborated with cross-functional teams, including product managers, designers, and developers, to ensure that project milestones were met on time and within budget.
- Conducted code reviews and provided feedback to other developers on the team to ensure that code quality and best practices were maintained throughout the project.

Client: LL Flooring

Remote

Jan 2020 – Mar 2021

Project: Inventory Check System

Description: LL Flooring is a company that specializes in flooring design and installation. Their services include providing raw materials and installation services to customers to help them create their ideal floor plans. The purpose of our project is to create an interactive website with both front-end and back-end functionalities that will allow users to record and manage important parameters, such as floor style and material, in real-time.

Responsibilities:

- Implemented client-side validations and data retrieval from RESTful services using Angular and JSON, resulting in a dynamic user interface.
- Utilized NgRx to centrally manage data state for flooring and wood-related data, leading to readable and maintainable code and improved performance through caching.
- Ensured cross-browser compatibility and responsiveness by employing Bootstrap and conducting extensive testing on Firefox, Google Chrome, and Internet Explorer.
- Redesigned the entire website for a consistent look and feel across all browsers and pages, leveraging SCSS and adopting a more efficient styling approach.

- Built the back-end MySQL database using Spring Boot for seamless integration with the project.
- Developed and optimized stored procedures to facilitate efficient communication between the database and Entity Framework.
- Utilized TFS source control for streamlined code management and collaboration.
- Practiced agile development methodologies to deliver software that meets user requirements and ensures optimal performance.

Client: HWHB

Iowa(Remote)

Dec 2018 - Dec 2019

Project: Company's Official Website

Description: HWHB is a heating company that provides heating services to customers. To increase their visibility and make information about their services more accessible to potential customers, they have hired us to design an official website for their company. The website we design will showcase the company's services, expertise, and past work, providing valuable information to prospective customers. In addition to serving as a platform for sharing information about the company's services, the website will also enable employees to add company news and other relevant information independently. This will allow the company to keep their customers updated on any new developments.

Responsibilities:

- Led the development and architecture of a web console for a leading e-commerce platform using React, HTML5, CSS3, and JavaScript, collaborating with an agile team to ensure alignment with business goals and priorities.
- Developed the frontend of the content visualization page using React and JavaScript, leveraging the ContextAPI to provide granular control over administrator permissions.
- Designed and implemented JSON and file data transfer processes to efficiently transfer website content and images from the frontend to the Express.js backend, saving data to MongoDB for scalable data management.
- Optimized front-end application performance by implementing lazy loading and bundling downloaded images, resulting in a 30% reduction in page load times.
- Deployed the web console on Alibaba Cloud's server using Nginx as a reverse proxy, ensuring high availability and uptime for users.
- Utilized Git for version control and participated in agile development processes, including monthly sprints, daily scrums, and A/B testing to ensure timely delivery of features and functionality.