Full-Stack Developer
Nick Sun

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SUMMARY

Over 1.5+ years of experience as front-end developer for web applications using HTML, CSS3, Bootstrap, JavaScript, Typescript etc.

Mastery of Angular 2+ framework for handling Components, Data binding, Directives, Services & Dependency Injection, Routing, Forms, Pipes, Observables, Router Guards, Lazy loading, Authentication, Angular Materials, RxJS, NgRx etc.

Strong proficient of RESTful API or GraphQL methods with error handling to making HTTP request in order to do communication with backend, and validated result by using Postman

Sufficient ability to develop MEAN and MERN architecture web application

Strong knowledge of React framework and SQL database, can use them proficiently according to requirements

Familiar with most of the popular services in AWS such as: S3, EBS & EFS, VPCs, EC2, IAM etc.

Proficient working with version control tools such as Git & Github, Code's repository such as Bitbucket, and use Jira to plan, track, and manage agile and software development projects

Comfortable agile team player and a good listener, bring passion to the scrum team

SOCIAL MEDIA

Portfolio: https://sunnysun0813.github.io/yichaosun0813/

Github: https://github.com/SunnySun0813

Linkedin: www.linkedin.com/in/yichao-sun-6b1559254

SKILLS

Programming Languages: JavaScript, TypeScript, C++, Java, Python

Basic web Technologies: HTML, CSS, Bootstrap, SASS

Web Frameworks: Angular, React

Backend Languages: Node.js, Express.js

Database: MySQL, MongoDB

IDE: VS Code, Visual Studio

Cloud Platform: AWS

Testing Tools: Jasmine, Karma, Postman

Others: Git, GitHub, JIRA, Agile Programming

PROFESSIONAL EXPERIENCE

Client: Georgia-Pacific	**May 2022 - Nov 2022, Remote**

Project: Employee attendance website

Details: Headquartered in Atlanta, Georgia-Pacific is one of the world's leading manufacturers and marketers of building products, tissue, packaging, paper, cellulose and related chemicals.

Responsibilities:

Rebuilt HTTP CRUD requests, API call/manage both on front end(angular) and back end(Node.js) basic on the data model written by data architect

Replaced subject & service with Ngrx to handle the global state management

Created various UI components by applied data-binding, pipe, reactive form, custom pipes etc for new features

Applied Onpush strategy and NgZone library to optimize the change detection for project

Performed code debugging: problem isolation, error duplication, review on documentations and automated tests, also utilization of browser's development console

Used Jasmine - Karma to test components, user interface, design responsiveness, and accessibility utilizing browser's development console, lighthouse, and web.dev

Worked on JIRA to handle tickets, maintained source code on git, used Agile Scrum Methodology and attended weekly and daily meetings.

Client: Ipehua Inc	**Aug 2022 - Apr 2022, Portland, OR**

Project: Warehouse Management System

Details: With a global digital platform, Ipehua Inc continually updates a database of some 300 million telephone subscribers and 270 million businesses worldwide. Operating throughout the world, we also offer numerous B2B solutions including a large range of products and services that allows customers to get or improve, use data for the purposes of publication, marketing, advertising, and other data purposes.

Responsibilities:

Created various UI components with simple directives and html semantics, styled them with Sass, and leveraged on Angular Material library

Created reusable components and attribute directives that applied for many coding blocks and available for project's extension in future

Implemented forms for search, login, contact and request info with corresponding validation

Applied custom pipes to transform user inputs to make sure they will be able to match the result that users looking for

Created services for making HTTP request by using observables and methodology from backend application written by Node.js, and filtered by various operators

Enabled DebounceTime in RxJS on Search feature to limit the amount of HTTP requests while providing added value for customers

Applied subject from Rxjs to share data which relative with multiple components

Imported state, entity and effect from Ngrx to do global state management

Retrieved JWT token from server and save it into local storage, and applied router guards to protect routes base on the user's identity

Branched Angular Routing Modules and implemented Lazy Loading to improve the initial page loading speed

Adopted Google Maps Platform for office/properties locator;

More than 90 percent coverage for unit testing

Using circleCI to do integrated test, final build and deployment;

Used Git and Github for version control and code review, JIRA for ticket assignment within the Agile Scrum team work, Figma for specifications reference, and Slack for communication

EDUCATION

Portland State University:

Computer Science - Undergraduate degree (Aug 2019 - Mar 2021)

Portland Community College:

Associate degree - Computer Science (Jan 2017 - Aug 2019)