Feng Sun
Front-end Engineer

Shanghai, Huangpu District

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> Great wisdom looks stupid, great skill seems clumsy. 中文简历地址: https://stupidism.github.io/resume-cn/

SKILLS

Front-end Development
Master

react   typescript   jest

storybook   styled-components

create-react-app   antd   vue

Front-end Architecture
Master

mono-repo   github actions

webpack   babel   aliyun

micro-frontend   docker

Back-end Development
Advanced

nodejs   nextjs   koajs

mongodb   mongoose

WORK EXPERIENCE (5)

Front-end Engineer at Pinduoduo **April 2020- Current**
https://www.pinduoduo.com/

Developed five front-end projects(1 in Vue, 4 in React) for three business groups as a dedicated FE for the Storage-Infra team. Built some DevOps and engineering work as a member of the Admin-FE team

- Took over an old data service platform, which combines storage, conversion, validation, and searching functionalities in one for data. Reduced operation human-cost from 3 down to 1 with the collaboration of BE by analyzing pain points of functionality and usability, re-identifying the core concept, re-designed pages, and standardized all the forms for the old project.

- Participated in building two (user-end and ops-end) web apps for a new data-searching service platform from scratch, which is the new version for search part of the above old platform), including analyzing requirement, designing the prototype, designing data structure and API, developing web-app, building DevOps and writing the manual book.

- Written a SQL editor based on monaco-editor to fulfill highlights, auto-completion, syntax validation and metadata parse for the SQL dialect in the above search platform.

- Built a monorepo inside my FE team and built four projects of mine and three of other two team members to easily share code for DevOps tools, code generators, components, hooks, app layout, API definitions, TypeScript types, etc.

- Written a component code generator written in TypeScript based on @angular/schematics in the above monorepo, which can generate the list, form, modal form, detail, select, status tag and other types of components and API hooks.

- Creatively split a component as export, type, render, logic hook, style and constant types of files, mainly to separate business logic and rendering structure in the above component generator so that even new graduates can write nice code inside the framework, which would be easy to read, debug, refactor and test and be with good performance.

- Written an API hook library based on useSWR and axios-hooks, aiming to separate code for backend API definitions and front projects, with which developers only need 1 line of API-hook code to call the API and get the return value and metadata with TypeScript types.

- Developing the web app for a new admin platform for ElasticSearch, which is the new version for ElasticSearch storage part of the above old platform.

Software Engineer II at WeWork **April 2018- Current**

[Team1] Lead a team of 4 FEs for wework.cn. [Team2] Re-architecture a multi-team-and-multi-framework CMS project.

- [Team1] Re-built wework.cn, recruited 3 FEs, lead 2 big revisions. Analyze requirements with PMs and break down tasks for other front-end engineers for over six months.
- [Team2] Proposed a new architecture using mono-repo and micro-frontend to solve the maintenance problems caused by multi-languages and multi teams
- Built a component library of more than 22 business components with designers.
- Enhanced and kept test coverage over 95%. Implemented A/B testing and ran over five tests with PMs and data engineers to roll up new features.
- Designed a trackable workflow with branch-based test link and tag-based deploy strategy.

Front-end Developer at Clarity Movement Co. **February 2016- March 2018**
https://clarity.io/

Work as the only front-end engineer and mainly develop data virtualization websites.

- Visualized air quality data with echarts and google-maps and used UI libraries like echarts, material-ui, bootstrap, and antd.
- Designed interactive wire-framing prototype with Balsamiq for some of the projects.
- Wrote many crawler scripts in NodeJS to crawl 3rd party AQI data.
- Open-sourced a component lib, a test util, and a starter.

Intern Front-end Developer at Shanghai Zhaimi Trading Co., Ltd **October 2015- February 2016**
http://zhai.me/#/customer

Developed and maintained an operational website written in AngularJS.

- Developed a code generator and common lib and used them to optimize the project.

Intern at Ericsson Shanghai **July 2015- October 2015**
http://www.ericsson.com/cn/

Developed a C# project, fix bugs and write tests in a team.

- Self-learn C# and use it in the project. Finished the 2-intern-and-2-month project alone in 1 month.
- Fastest intern qualified to join a team.

VOLUNTEER

Founder at WeLunch
May 2019 - Current
https://welunch.cn

I started and operated a community within HQ of WeWork aiming to provide affordable, healthy and delicious lunch for every colleague.

- Got about 220 WeLunch members out of 600 employees in our HQ. Got about 20 orders per day

- Still running healthily nearly one year after my resignation.

Vice Captain at SJTU Software School Youth Volunteers
September 2012 - July 2014
http://page.renren.com/601523118?checked=true

Joined activities as a volunteer and organized some as a vice-captain.

- Organize and give 'Interest Lessons' to a middle school near SJTU.
- Helped elders in a community to solve computer problems.

EDUCATION (1)

Bachelor Software Engineering at Shanghai Jiao Tong University
2012 - 2016

Grade: 3.65

AWARDS

China SSOIE Competition 2nd Prize at MOE of China, MOC of China, Wuxi Government
2014

Led light coded transimition. 'SSOIE' for 'Student Service Outsourcing Innovation and Entrepreneurship'

LANGUAGES

English
Fluent (ILR Level 4)

Chinese
Native speaker

INTERESTS

Science Fiction

three body   foundation

US TV series

westworld   rick and morty

Politics and History

the key 100 wars in chinese feudal history

政事堂 political affairs hall