Lane Zhang

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1982-08
working staff ｜ Ruby, Python and ReactJS developer

SUMMARY

I am a Ruby on Rails, Python Django Rest Framework, and ReactJS full-stack developer. I am high-performance. I excel in designing high-concurrency project.

PROFESSIONAL EXPERIENCE

Shenzhen YunQiShengDing technology limited company Nanjing branch   Aug 2021 - Dec 2021

CTO Research and development   Nanjing

- Created a Web platform providing communication service by which vendors and tenants can make deals with each other.
- Core features: CDR delivery, parsing and query; Automatically sync business data to VOS to reduce the maintenance time; Vendor and tenant daily report; etc.
- Tech stack: Ruby on Rails 6, Rabbit MQ, PostgreSQL, Bootstrap 5, Devise, simple_form, Sneakers, sidekiq, rufus-scheduler, Turbo, webpacker.

Suzhou Eastern-Bay Information   Mar 2020 - Present

Technical Leader   Suzhou

- **Overwatch** project's technical leader. By integrating GitHub and Jira, managers can analyze the performance of developers.

Website: https://frontend.sauron-qa.com/

Tech stack: Django Rest Framework, Celery, ReactJS, AWS.

Designed and implemented the core features.

First reviewer for every PR. Trainer for 4 developers.

This project is a success because we finished tremendous of work in 9 months. We have been keeping the backend test coverage 100%. All frontend pages are also covered by test code. Our clients praised us several times.

- **Tech-BPO** project's technical leader. This project is designed for helping American small business owners to solve their technical problems.

We delivered the project in 4 months.

LaiLe 100 Education Network   Jun 2019 - Feb 2020

Ruby Developer   Shanghai

I designed and implemented a web for managing Apps, message pushing and devices registering, etc.

- Rails tech stack: Devise, Cancancan, simple_form, Webpacker, Sidekiq, Responders, kaminari, ransack, Faraday, RSpec, WebMock, pry, etc.
- JavaScript tech stack: Bootstrap 4, Yarn, ECharts, Tabler, Turbolinks, flatpickr, etc.
- 100% coverage for testing.

Freelancer   Feb 2018 - Jun 2019

Ruby and JavaScript Developer   Remote

- Self project: Money tool (a WeChat mini-program).
- Taiwan patent project. Developed Chrome Extension interacting with Rails backend to simplify the US patent browsing experience.
- https://fixtw.com/. Contributed to Tainan, Taoyuan, and Jilong areas' features.
- Maintained a multi-platform book store. I gave a solution for crawling books from ruten.com shop and selling them on yahoo.com.

Associated skills:

1. Ruby: Rails, Rails-API, Mechanize, Watir, Tor, RestClient, Capistrano, Mongoid, activeadmin, Sidekiq, delayed_job, etc.
2. JavaScript: WeChat Mini-program, Chrome Extension, TamperMonkey, etc.
3. Others: MongoDB, ImageMagick, etc.

Junde (Shinetech) Inc   Mar 2013 - Oct 2014

Ruby lead developer   Suzhou

- Built and led the offshore development team for our US client.
- Maintained a medical system to make doctors provide services online and over the phone.

Associated skills:

1. Tech: Unicorn, Slim, CoffeeScript, NewRelic, Airbrake, Chef, Git, RVM, Ubuntu, etc.
2. TDD: RSpec, Capybara, Machinist, ffaker, Cucumber, etc.

Unified Communication (Suzhou) LTD   Nov 2014 - Jan 2018

RoR and JavaScript lead developer   Suzhou

- Built Call Center SaaS: a successful high-concurrency project.
- Had responsibility for designing and implementing most web features including server-side works.

Associated skills:

1. Ruby: Rails, RSpec, Grape, Puma, Pundit, GitLab, carrierwave, will_paginate, etc.
2. WEB: Node.JS, Vue.JS, Bootstrap, Faye(WebSocket), etc.
3. Others: FreeSwitch, PostgreSQL, Redis, RabbitMQ, CentOS, Mac, Nginx, etc.

SELF PROJECT EXPERIENCE

http://since2018.vip   Jun 2020 - Present

Independent developer

This website is based on the open-source project https://code.org/

I am the only contributor. Made some customized change like only allowing registered users to use the courses. The teachers teach the students programming skills by using this portal every day.

Tech stack: Ruby on Rails 5, ReactJS.

shinescrum.com Official Website   Apr 2014 - Nov 2014

Independent Developer

- Developed the first version of http://shinescrum.com.
- Helped ShineScrum become one of the leaders of Scrum training company.

Associated skills: Rails, PostgreSQL, etc.

Database Web Admin   Nov 2014 - Feb 2019

Independent Developer

- https://github.com/gazeldx/db_admin: A Ruby Web UI to manage databases.

Associated skills: Sinatra, Sequel, etc.

EDUCATION

Hohai University   Sep 2001 - Jun 2005

Computer Science & Technology Bachelor   Nanjing

SKILLS & Languages

- **Ruby:** Rails(5Y), Sinatra(2Y), Grape(2Y), Pundit(4Y), Slim(4Y), RSpec(3Y), Capybara(3Y), factory_bot(3Y), cancancan(2Y), Sidekiq(2Y), Devise(1Y), Webpacker(1Y), Sneakers(1Y), RanSack(1Y), etc.
- **JavaScript:** ReactJS(2Y), jQuery(5Y), Node.JS(2Y), Vue, CoffeeScript, Webpack and Wechat Miniprogram(1Y), etc.
- **Database:** PostgreSQL(4Y), Redis(2Y), MongoDB and MySQL(1Y), etc.
- **Others:** Python(1Y), Java(2Y), Git(5Y), Bootstrap(3Y), RabbitMQ(2Y), Nginx(2Y), CentOS(3Y), Ubuntu(2Y), Mac(4Y), Docker(2Y)

- **Languages:** English (CEFR B2), Chinese (Native)