

Lane Zhang

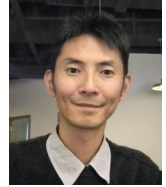
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Suzhou, Jiangsu, China

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1982-08

Ruby, Python or JavaScript developer



SUMMARY

Dear Ruby on Rails Hiring Manager, this is Lane.

I am a Ruby on Rails, Python Django, and ReactJS full stack developer.

I am high-performance. I excel in designing and implementing highly concurrent systems.

I have high requirements for code quality and often refactor my colleagues' code through code reviews.

PROFESSIONAL EXPERIENCE

Self-improvement plus entrepreneurship

May 2024 - Present

Full-stack engineer

Suzhou, Jiangsu, China

- In the first nine months, I systematically studied algorithms and the Go, C++, C#, and Java programming languages.
- In the past three months, I developed an algorithm learning website, [LeetCodePython](#), using Ruby on Rails 8.
- I open-sourced [developer-portfolio-engine](#), a blog engine that supports Markdown and Git, and used this engine to build my [personal website](#).

Suzhou Eastern Bay

Jan 2022 - Apr 2024

Python & Node.js developer, technical manager

Suzhou, Jinagsu, China

I led a team of four to capture 55 million profile data for a client. The client was delighted with the results.

Tech stack:

- JavaScript: Puppeteer and Chrome Extentions.
- Python: Django, REST framework, Celery, SQLAlchemy, BeautifulSoup4, etc.
- Docker, PostgreSQL, Redis, Sentry.io, etc.
- AWS: ECS, ElasticBeanstalk, SQS, SES, etc.

Shenzhen YunQiShengDing Nanjing Branch

Aug 2021 - Dec 2021

CTO

Nanjing

- My student and I built a website platform that provides telecommunications intermediary services, where telecommunications line providers and tenants can make deals.
- Core features:
 - Allowed admins, providers and tenants to register and sign-in.
 - Allowed providers to add lines.
 - Allowed tenants to purchase lines that have been packaged into products.
 - Allowed suppliers and tenants to view reports.
 - Kept business data synchronized with the VOS platform.
 - CDR filtering, parsing and querying.
- Tech stack:
 - Ruby: Rails 6, Devise, simple_form, Sneakers, Sidekiq, Rufus-scheduler, Turbolinks, Webpacker, etc.
 - Others: PostgreSQL 11, Bootstrap 5, Rabbit MQ, etc.

Suzhou Eastern Bay

Mar 2020 - Jul 2021

Technical leader

Suzhou

- **Overwatch** is a website for analyzing programmer productivity. It includes a SPA website and a Django backend. It integrates with GitHub and Jira, and any event from a user who has installed the Overwatch App is sent to the backend.

Tech stack:

Python: Django and Rest Framework, Celery.

JavaScript: ReactJS, Material UI.

Others: Docker, PostgreSQL, Jenkins.

AWS: Route 53, CloudFront, S3, ElasticBeanstalk.

I led a team of four to build this system. I was the architect, and the first reviewer for every PR.

This project is a success because we finished tremendous of work in 9 months.

We kept the backend test coverage 100%.

All frontend pages are also covered by test code.

Our clients praised us several times.

- **Tech-BPO** is designed for helping American small business owners to solve their technical problems.

The tech stack of it is similar to Overwatch project.

We delivered the project within 4 months. I am the technical leader.

LaiLe100 Education

Jun 2019 - Feb 2020

Ruby developer

Shanghai

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

- Rails tech stack: Devise, Cancancan, simple_form, Webpacker, Sidekiq, Responders, Kaminari, Ransack, Faraday, RSpec (test coverage 100%), WebMock, Pry, etc.
- JavaScript tech stack: Bootstrap 4, Yarn, ECharts, Tabler, Turbolinks, Flatpickr, etc.

Freelancer

Jan 2018 - May 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.

Tech stack:

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

Suzhou Unified Communication

Oct 2014 - Dec 2017

Ruby on Rails and JavaScript lead developer

Suzhou

- I led a team of three to build a call center SaaS. This SaaS was characterized by high concurrency and eventually became a successful commercial project.
- I was responsible for designing and implementing most of the web functionality, including the backend code.

Tech stack:

1. Ruby: Rails 5, RSpec, Grape, Puma, Pundit, GitLab, Carrierwave, will_paginate, etc.
2. JavaScript: Node.js, Bootstrap, Faye(WebSocket), Vue.js, etc.
3. Others: PostgreSQL, Redis, RabbitMQ, CentOS, Nginx, FreeSWITCH, etc.

Junde (Shinetech) Inc

Feb 2013 - Sep 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.

Tech stack:

1. Ruby: Rails 3, Unicorn, Slim, NewRelic, Airbrake, Chef, RVM, etc.
2. TDD: RSpec, Capybara, Machinist, ffaker, Cucumber, etc.
3. Others: CoffeeScript, Git, Ubuntu, etc.

Suzhou Atech

Jun 2010 - Sep 2012

Java web developer

Suzhou

- I designed and implemented a Catering ERP System.
- I designed and implemented a Restaurant Online Ordering System.

Tech stack:

- Ruby: Rails, RVM, Unicorn, Slim, SCSS, etc.
- Java: Struts 2+Spring+Hibernate+Freemarker.
- JavaScript: CoffeeScript, jQuery, ExtJS.
- Others: PostgreSQL, Ubuntu, Git, etc.

ZTE Nanjing Branch

Oct 2008 - Mar 2010

Java web developer

Nanjing

I designed and implemented websites for these projects:

- Pay4Me Management Website.
- China Telecom One Number with Two Terminals Management Website.
- China Unicom SACP Management Website.
- One Terminal with Two Numbers Website.

Tech stack:

- Java: Struct 2, Tomcat, etc.
- Database: Oracle, Sybase, etc.

Nanjing Gimis

May 2005 - Sep 2008

Java web developer

Nanjing

- I led the development of Nanjing Parole Supervision System.
- I led the development of Nanjing Traffic Bureau GPS Management System (patent number is 2007101910409).
- Attended the development of five other web platforms.

Tech stack:

- J2EE, Struct 2
- jQuery, CSS
- SQL Server, Oracle

SELF PROJECT EXPERIENCE

since2018.vip (online programming course website)

Jun 2020 - Oct 2020

Rails and ReactJS developer

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

Teachers at my client company can use the website's online courses to teach students programming skills.

Before I took over the construction of this website, the client had hired several Ruby programmers to try to build it, but all failed.

Not only did I successfully build the website, I also made some custom changes, such as only allowing registered users to use it.

Tech stack: Ruby on Rails 5, ReactJS.

shinescrum.com official website

Mar 2014 - Oct 2014

Rails developer

- I developed the first version of <http://shinescrum.com>.
- I helped my client company become a leader in Scrum training in China.

- Tech stack: Rails, PostgreSQL, etc.

Ruby Database Admin

Jan 2019 - Feb 2019

Ruby developer

- https://github.com/gazeldx/db_admin: A Ruby Web UI to manage databases.
- Tech stack: Sinatra, Sequel, etc.

EDUCATION

Hohai University 211 Double 1st - Class

Aug 2001 - May 2005

Computer Science and Technology Bachelor

Nanjing

SKILLS & Languages

- **Ruby:** Rails 8, RSpec, Devise, Sinatra, Ransack, Pundit, simple_form, Cancancan, Sidekiq, Webpacker, Sneakers, Turbolinks, factory_bot, etc.
- **Python:** Django, Rest Framework, SQLAlchemy, Celery, etc.
- **JavaScript:** ReactJS, Node.js, jQuery, Webpack and WeChat Miniprogram, etc.
- **Others:** Java, Bootstrap, Docker, RabbitMQ, CentOS, Nginx, Git, PostgreSQL, MySQL, Redis, etc.
- **Languages:** English (CEFR C1), Chinese (Native)