

THE TIEN DAU

Software Engineer

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Summary

I'm a full-stack developer passionate about building software that improves people's lives. I'm looking for a chance to gain work experience as a Software Engineer, opportunities to develop my skills, take on exciting projects, and work with people I can learn. Willing to work hard and excited to continue learning new skills to become a successful developer.

Technical Skills

- **Programming languages:** Ruby (over 4 years of experience), Javascript(3 years of experience)
- **Frameworks / Libraries:** Ruby on Rails (over 4 years of experience), ReactJS(3 years of experience), Redux
- **Cloud platforms:** AWS EC2, Heroku,
- **Server administration:** Ubuntu server
- **Storage:** PostgreSQL
- **Tools:** Vim, Git
- **Paradigms:** Event-driven Development, Test-driven Development, Object-oriented Programming, Model-View-Controller

Work experience

Full-stack developer

May 2023 - Present

Global Health

- **Project**
 - Hot Health
 - **Stacks:** Rails, Vue, Postgresql, Rspec
- **Responsibilities**
 - Cooperated directly with the third party to maintain the integration of the clinic platforms and keep syncing data consistent with the third-party provider.
 - Upgrade Rails versions
 - Collaborated with the project manager to develop multiple modules in accordance with company strategies and deliver them on schedule.
 - Performed code maintenance and refactoring to enhance rendering performance.

Full-stack Developer

April 2020 - May 2023

Employment Hero

- **Projects**
 - **Learning management system** - Integration system with third-party Go1
 - **Stacks:** Sinatra, Postgresql, Rspec, ReactJS
 - **Security Group Setting** - the features management modules
 - **Stacks:** Rails, Postgresql, Rspec, ReactJS, Typescript
 - **Documents** - Manage official employment documents
 - **Stacks:** Rails, Postgresql, Rspec, ReactJS, Typescript, React Native
- **Responsibilities**
 - Cooperated directly with the third party to maintain the integration of the learning management platform and keep syncing data consistent with the third-party provider.
 - Built monitoring pages for investigating unexpected issues and resolving stuck integration.
 - Developed a complex service for creating and updating management features.
 - Built a migration flow that migrates the massive legacy data to the new data without any unexpected bugs.
 - Mentored newcomer.
 - Supported the mobile team in maintaining and applying a new design to various modules.

Full-stack Developer

Sept 2018 - Feb 2020

Cyber Logistics (Pty) Ltd

- **Projects**
 - **BACS** - The containers and vessels checking system
 - **Stacks:** Rails, ReactJS, Elasticsearch, Postgresql
 - **SNIFE** - The pricing support system
 - **Stacks:** Rails, Postgresql
 - **ONE-chatbot** - support for the BACS project
 - **Stacks:** NodeJS, Dialogflow, Google cloud function
- **Responsibilities:**
 - Applied ReactJS and Redux to the Frontend repository.
 - Built and maintained test suites from scratch.
 - Optimised full-text search with Elasticsearch.
 - Worked independently and efficiently on a team to develop a website from scratch till the end using Rails and React.
- **Achievements**
 - The best growth of the year prize since 2018.

Full-stack Developer

Jun 2017 - Jan 2018

Vinova

- Utilised OOP in Ruby to implement various functionalities.
- Worked independently and efficiently on a team of 8 developers to develop a website from scratch to the end using Rails and various common Ruby gems.
- Designed and implemented database architecture for applications.

Personal projects

Dwf

A distributed workflow runner using Sidekiq and redis

- Used **Sidekiq** as a background worker.
- Stored workflow state on **Redis**.
- Built a test suite that uses **Rspec** and **Simplecov** to cover all possible happened cases.
- Continuous Integration with **GitHub action**.
- Having many stars on **GitHub** and many installations on **RubyGem**.
- RubyGem: [wf](#)
- GitHub: [wf](#)

TopLands

A statistic application about Ho Chi Minh real estate prices

- Stack: **ReactJS, Redux, Rails**
- Use **Capistrano** to deploy the API to **Azure VPS**.
- Designed a web-based UI with **Google Material Design** inspiration.
- Deployed front-end to **Heroku**.
- Utilised background(**SideKiq**) processing to scrap data daily.
- Continuous Integration with **CircleCI**.
- Backend config with **Nginx, Puma, and Let's Encrypt**.
- Integration: **Facebook graph API, Google Analytics, Skylight, Slack**.
- GitHub: [real_estate_researcher](#)

Education

Bachelor of Engineering (Software)

August 2014 - July 2019

Viet Nam National University HCMC - University Of Information Technology

Major: Information system.

Achievements: Receive scholarships to encourage good learning