# DAU THE TIEN

Full-stack web developer (Rails/React)

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## Summary

I am a Ruby on rails developer, I have self-taught web development and Ruby on Rails since my junior at my university and graduated Ruby on Rails courses at CoderSchool in August 2017. I work primarily in Ruby on Rails but as well have experience in ReactJS, HTML, CSS, CoffeeScript, Twitter Bootstrap, Materialize, etc.

I'm looking for a chance to gain work experience as a Ruby on Rails Developer. Willing to work hard and excited to continue learning new skills to become a successful developer.

I want to work somewhere where I'll have opportunities to develop my skills, take on interesting projects, and work with people I can learn from. I write elegant, readable code and learn new things. New technologies are always enjoyable for me, I love to build software that solves problems and makes life easier.

## Technical Skills

- **Programming languages:** Ruby, Javascript, HTML5, CSS3, Slim, Haml, CoffeeScript
- **Frameworks / Libraries:** Ruby on Rails, ReactJS, Redux, MaterializeCSS, Bootstrap, jQuery, Grape
- **Cloud platforms:** AWS EC2, Digital Ocean, Heroku, Google Cloud, Azure
- **Server administration**: Ubuntu server, Nginx
- **Storage:** PostgreSQL
- **Tools:** Sublime Text, VisualCode, Git, Terminal
- **Paradigms:** Behavior-driven Development, Test-driven Development, Object-oriented Programming, Responsive Web Design, Model-View-Controller

## Work experience

**Full-stack Web Developer (Rails / React)**                    Sept 2018 - Feb 2020

Symphony Creative Solution

- Team size: 9 members (4 full-stack developers - 2 backend developer - 1 front-end developer - 2 QC)
- Projects
  - BACS - The containers and vessels checking system
    - **Rails**
    - **ReactJS** and **Redux**
    - **Elasticsearch**
    - **Postgresql**
  - SNIPE - The pricing support system
    - **Rails**
    - **Postgresql**
  - ONE-chatbot - support for BACS project
    - **NodeJS**
    - **Dialogflow**
    - **Google cloud function**
- Activities:
  - Utilize OOP in Ruby to implement various functionalities.
  - Apply  ReactJS and Redux to handle the front-end part of company projects.
  - Maintain applications (Optimizing, Refactoring function).
  - Work independently and worked efficiently on a team to develop a website from scratch till the end using Rails and various common Ruby gems.
  - Build reusable modules to develop faster in the future.
  - Support other team members.

- Decrease the search, import and export time of an application with a larger table(137 rows and over 60 million records each week) with so many searched conditions.
- Refactor Rails application to a new pattern for clean code and optimize performance.
- I have got the best growth of the year prize since 2018.
- Research and build a chatbot with Nature Language Understanding in 2 weeks.
- Optimize full-text search, raking suggestion, recommend system with Elasticsearch

## Ruby on Rails Developer - Part time job                    Jun 2017 - Jan 2018

Vinova

- Team size: 7 full-stack developers
- Utilize OOP in Ruby to implement various functionalities.
- Maintain applications (Optimizing, Refactoring function)
- Work independently and worked efficiently on a team of 8 developers to develop a website from scratch till the end using Rails and various common Ruby gems.
- Build reusable modules to develop faster in the future.
- Support the team and other team members.
- Design and implemented database architecture for applications.
- Share my knowledge with my team members, coworkers and learned from them.

# Personal projects

### TopLands

### A statistic application about Ho Chi Minh real estate prices

The application is getting data from several real estate sites. Users can get more details about selling lands or districts.

- Front-end: **ReactJS, Redux**
- Backend: **Rails**
- Use **Capistrano** to deploy the API to **Azure VPS**.
- Design a web-based UI with **Google Material Design** inspiration.
- Deploy front-end to **Heroku**
- Utilize background(**SideKiq**) processing to scrap data daily
- Continuous Integration with **CircleCI**
- Backend config with **Nginx, Puma, Let's Encrypt.**
- Integrate **Facebook grape API** to post hot deals to the Facebook page.
- Integrate **Google Analytics** for tracking web traffic.
- Integrate **Skylight** for profiling backend
- Integrate **Slack** for notifying errors

### ChoVoucher

### A marketplace for trading, sharing voucher and coupons

Users can sell, buy vouchers or coupons. Users can purchase by COD  or **Vietnam payment method**. This helps users stop wasting  unneeded voucher or coupons

- Front-end: **React**
- Backend: **Rails**
- Design a web-based UI with **Google Material Design** inspiration.
- Connect payment gateway **VNPay** processing application to the Vietnam payment method.
- Develop a scraper to get more vouchers from deals page in Vietnam.
- Utilize background processing to scrap data daily and to post the cheapest deal daily.
- Integrate **Facebook grape API** to post vouchers to the Facebook page.
- Use **Capistrano** to deploy the application to **Google Cloud VPS**.
- Integrate **Amazon S3** to serve images in the production environment.
- Application config with **Nginx, Puma, Let's Encrypt**

# Education

## Graduated

August 2014 - July 2019

Viet Nam National University HCMC - University Of Information Technology

**Major:** Infomation system.

**Degree Classification:** Good - **GPA:** 7.59

**Award:** Receive scholarships to encourage good learning(once)

**Certificate:** TOEIC 815