

RENATA SANTOSO

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SKILLS React, JavaScript, Ruby, Rails, jQuery, Redux, ExpressJS, NodeJS, TDD, HTML5, CSS3, SQL, Git, PHP, ASP.NET, Visual Basic, VBAScript, MySQL, SQL Server, Oracle

PROJECTS

Restaurant Review (Python, Gulp)

[Live Site](#) | [Github](#)

An offline-capable, performing, and responsive restaurant review app built using Google's progressive web application (PWA)

- Extensively used CSS Grid, SASS, ARIA to build a fully responsive web application that functions on any device or screen size and more accessible to people with disabilities.
- Administered Service Worker and IndexedDB Promised library to persistently store data inside a user's browser in order to make the application more resilient to limited internet connectivity or bandwidth.
- Used Gulp resize tool, GraphicsMagick, HTML5 Srcset, and asynchronous JavaScript Promise to optimize application performance audited with Chrome Lighthouse that score of 95/100.

Route Plan (MongoDB, Express.js, React, Node JS, Git)

[Live Site](#) | [Github](#)

An online route planner maps out walking routes. Its main feature is to allow users to add waypoints along the route and save it as a trip plan to database.

- Incorporated MapQuest Leaflet SDK and Yelp's API to draw the route on the map, find waypoints information based on the category that a user choose and save it to the trip planner.
- Developed single page applications using React Router and Redux architecture and ensure RESTful API on routes by implemented JWT authentication with ExpressJS and PassportJS.
- Added social media sharing feature to allow user shares their trip plans using React Share module.

PinTravel (Ruby, Rails, React, PostgreSQL, Webpack, AWS)

[Live Site](#) | [Github](#)

A visual discovery site that helps people find and save ideas of vacation places from around the web to plan out vacation trips.

- Used CSS Flexbox, SASS and CSS media queries to create responsive web design layout, with a mobile-first approach, that allows users to view from different viewpoints and devices.
- Implemented user authentication for registration, login and logout features using BCrypt to encrypt user's password and SecureRandom Ruby library module by generating unique session token in HTTP Cookies to ensure that users can only access to their information.
- Created a pop-up form as a React component instead of React Modal bootstrap to easily customize the form, keep bundler file small and avoid external dependency.

Abacus Fun (JavaScript, HTML5, CSS3)

[Live Site](#) | [Github](#)

A web based application that simulates abacus calculation, used to help young children learning simple addition and subtraction visually.

- Built animation and interactivity by manipulating HTML DOM elements using Vanilla JavaScript (no 3rd party library) and CSS3.
- Implemented free mode that gives static calculation and challenge mode by entering a custom math problem.

EXPERIENCE

Family Care / Child Rearing

July 2011 – Current

Langoor

Sydney, Australia

Junior Web Developer

July 2010 – August 2011

- Worked on Drupal front and back end development, along with custom themes, Drupal API modification and custom modules.
- Integrated Avactis Shopping Cart, Paypal payment system to build e-commerce drupal site with PHP, MySQL and Apache Server.

DK Science and Learning*Software Developer***Sydney, Australia**

July 2008 – July 2010

- Used VBScript and Excel Online Analytical Processing tool from MySQL database to generate Ad Hoc Sales Report that significantly improves overseeing sales department performance.
- Created a company website using CakePHP MVC Framework by writing business server logic and components.

Alliance One International*Senior Application Programmer***Surabaya, Indonesia**

2003 – 2006

- Supervised code review and provided mentoring for junior developers on business process and system integration.
- Implemented Query Performance Analysis and Tuning for cleanup and performance improvement data queries.
- Designed, developed, implemented and tested data warehousing system that includes receiving and shipping module using Visual Basic, ActiveX Scripting and SQL Server.

EDUCATION

App Academy*Curriculum of Study in Web Development (Ruby on Rails and JavaScript)***San Francisco, San Francisco**

August 2019 – December 2019

Udacity*Google's Mobile Web Specialist Nanodegree***San Francisco, San Francisco**

January 2018 – August 2018

University of Technology Sydney*Graduate Certificate in Information Technology***Sydney, Australia**

2009 - 2011

University of Surabaya*Bachelor of Information Technology***Surabaya, Indonesia**

1999 - 2003