RAMA JAKARIA

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Summary

Web developer with more than 4 years of experience in front-end and back-end development. Most of my experience dealing with start-up project which demands quick development and ever-changing requirement, so when I code I always try to balancing development speed and project maintainability.

Formal Education

1. Gadjah Mada University – Computer Science   Aug 2012 – Aug 2018
   Thesis: *"Data Preprocessing for Facial Expression Recognition"*

Skill🔗

Front-End   : Responsive Web, React, React Native, Javascript
Back-End   : Laravel, PHP, MySQL, Python, MongoDB
Tools   : Git, Jest
Language : Bahasa Indonesia (Native), English (TOEFL 560)

Experience

Pand.ai as Senior Front-End Developer   Sep 2019 – Mei 2021
● converted design into ReactJS Component using Typescript, StyledComponent, Redux-Saga
● created REST API specification based on design
● developed a real-time chat service using Socket.io, React, and Typescript
● performed security tests on a website and fixed the vulnerabilities found from the test
● tested and improved the performance of a ReactJS website

Freelance   2013 - Now
● managed contract and requirement
● communicated with the project owner and design the application based on the specification
● converted from PSD to HTML

- created a working web app
- deployed the project to the server

Here are projects that I built and techs that I used:
- Sentiment Analysis Dashboard, July 2018, using Python, MongoDB, and Angular
- Iwak.me (Delivery System), Feb 2018, using ReactJS, Redux, Google Maps API, Socket.io client, SCSS, HTML
- CoAnalis, November 2016, using Laravel, HTML, CSS, jQuery
- Smart Pollution Monitoring System, Mar 2015, using Laravel, Python, Leaflet.js
- Anava #9, Nov 2014, using Laravel, HTML, CSS, MySQL, Bootstrap, jQuery
- Blood Donor Management System, Oct 2013, using Laravel, HTML, CSS

Wideboard as Front-End Developer   Sep 2018 – Sep 2019
- planned and implemented the project architecture based on specification
- converted PDF design into ReactJS Component using Typescript, SCSS
- developed a real-time chat service using WebSocket, RxJS, and Redux
- developed a browser push notification system using service-worker
- established a workflow that fit the team

Wonderlabs as Mobile Web Developer   Mar 2018 – Aug 2018
- created a React Native app
- developed a communication system between hardware and phone using Bluetooth
- developed Over-The-Air hardware update system
- converted Android component into React Native component
- developed service to manage real-time communication between devices using RxJS
- add unit tests to minimize bugs in future development using Jest

Wonderlabs as ReactJS Developer   Dec 2016 – Feb 2018
- planned website development from the specification
- transformed static website into single page application using ReactJS, Redux, Javascript, HTML, SCSS
- add data visualization using D3.js
- add unit tests and integration tests to minimize bugs in future development with 80% coverage using Jest

Wonderlabs as PHP Developer   Aug 2016 – Nov 2016
- developed an application using Symfony, PHP, HTML, CSS, and MySQL
- developed and bug fixed a pass-down project using Laravel
- created an article recommendation client-SDK using vanilla Javascript

Kreasi Kode as Web Developer   April 2016 – Jun 2016
- developed features on an existing system built with CodeIgniter, PHP, Oracle, HTML, and SCSS
- bug fixed the old features and performance issue

Skyshi Digital as Drupal Developer Intern   Jan 2015 – Feb 2015
- creating a working back-end with Drupal and PHP
- integrating the front-end team output, a static website, into a dynamic website
- add interactivity to the website with jQuery