

Edwin Farrel Juniawan
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EDUCATION

Binus University

Computer Science Major (Stream: Software Engineering)

Tangerang, Indonesia

2017 - 2021

- Cumulative GPA: 3.52

WORK EXPERIENCES

Telkomsigma (PT Sigma Cipta Caraka)

IT Consultant Officer (Full Time)

Bandung, Indonesia

February 2022 – present

- Collaborated closely with Project Managers and end-users to gather requirements and define features for development
- Worked alongside System Analyst and UI/UX Designers to conceptualize and design user interfaces and application flows
- Designed and prepared the server architecture for Telkom Application using OpenShift Kubernetes, ensuring scalability and reliability
- Developed application interfaces using React Typescript, focusing on maintainability and scalability
- Implemented RESTful APIs using Laravel and Go, ensuring efficient communication between frontend and backend systems
- Contributed to security testing efforts by assisting in the implementation of automation tools and techniques
- Implemented Continuous Deployment pipelines using Gitlab Runner, streamlining the deployment process and ensuring rapid delivery of updates and features

Sendero

Software Engineer (Part Time)

Colorado, United States

April 2022 – January 2024

- Developed robust web applications using Laravel, Go, and Ruby on Rails, ensuring scalability and performance
- Implemented frontend interfaces utilizing React.js, Vue.js, and VanillaJS, prioritizing user experience and responsiveness
- Integrated Artificial Intelligence features into applications using the OpenAI API, enhancing user interactions and personalization
- Utilized Backend as a Service (BaaS) solutions to streamline development processes and connect backend services with frontend applications
- Collaborated closely with cross-functional teams to gather requirements, prioritize tasks, and deliver solutions within project timelines
- Designed and developed a Chrome extension using Vue.js to optimize user workflows and extend browser functionalities

Manucentric Inc**Toronto, Canada***Project Manager (Part Time)**October 2021 – January 2022*

- Develop payment method to use international payment (Visa, MasterCard, AmericanExpress, etc) using Stripe Payment Gateway
- Provision AWS Cloud Infrastructure using EC2 Instance
- Provision AWS RDS for database
- Improve and maintain backend using ASP.NET and MSSQL
- Improve frontend using React.js
- Directly report to Project Manager about team progress
- Lead the discussion with engineers to discuss what kind of approach to every problem
- Finding possible bugs from codes written by backend engineers & frontend engineers
- Manage engineers to achieve the goals within deadline

*Lead Software Engineer (Part Time)**March 2021 – October 2021*

- Develop payment method to use international payment (Visa, MasterCard, AmericanExpress, etc) using Stripe Payment Gateway
- Provision AWS Cloud Infrastructure using EC2 Instance
- Provision AWS RDS for database
- Improve and maintain backend using ASP.NET and MSSQL
- Improve frontend using React.js
- Directly report to Project Manager about team progress
- Lead the discussion with engineers to discuss what kind of approach to every problem
- Finding possible bugs from codes written by backend engineers & frontend engineers
- Manage engineers to achieve the goals within deadline

Binus University**Tangerang, Indonesia***Operation and System Development (Full Time)**February 2020 – January 2022*

- Monitored and maintained hardware, software, and networks of a computer laboratory either periodically or based on report of problems from laboratory user.
- Developed an application that's being used in practicum support activities and internal application using React.js, Laravel, Node.js, MySQL, PostgreSQL, etc.
- Set up computer laboratories' electric lines, network lines, workstation arrangement, PC installation and setup, and LCD Projector Setup.

*Laboratory Instructor (Bluejack 19-1) (Full Time)**February 2019 – February 2020*

- Taught undergraduate students about Information Technology knowledge such as various programming language (C, C#, Java, Javascript, PHP, etc), networking, and other related materials.
- Created case studies for laboratory exam and evaluated students' assignments and projects.
- TPA (Test Progressive Assistant).

TECHNICAL SKILLS

Skills: HTML | CSS | JavaScript | TypeScript | React | Vue | Bootstrap | Laravel | Java | Python
Flask | Node.js | ASP.NET | MySQL | MSSQL | MongoDB | Git

PROJECTS

- SuhuChain | Cold Chain Logistics *August 2022 – October 2023*
Web Based Application
Tech Stack :
 - AWS (Amazon Web Services)
 - React Typescript
 - Nest Typescript
 - MongoDB
- Manucentric.com | Software for Woodworkers *March 2021 – January 2022*
Web Based Application
Tech Stack :
 - AWS (Amazon Web Services)
 - React.js
 - Redux Saga
 - ASP.Net Core
 - MSSQL
- LCAS E-Learning (Online Quiz) *April 2020 – August 2020*
Web Based Application
Tech Stack :
 - React.js
 - Redux Saga
 - Laravel
 - MySQL
- Natasia Lam's Books & Videos E-Commerce *August 2020 – January 2021*
Web Based Application
Tech Stack :
 - Laravel
 - Stripe Payment Gateway
 - MySQL
- SMA Negeri 1 Tangerang (SMANITRA) *July 2020 – February 2021*
Web Based Application
Tech Stack :
 - Laravel

- MySQL

- Blood Donor Info Mobile App
Mobile Based Application
Tech Stack :
 - Java (Android Studio)
 - Firebase

October 2019 – November 2019

CERTIFICATES & ACHIEVEMENTS

- **Cloud Practitioner Essentials (AWS Cloud) Certificate** *May 2021*
Dicoding Academy
- **Machine Learning Development Certificate** *September 2020*
Dicoding Academy
- **Top 12 application out of 227 applications (PasarKerja)** *August 2020*
GarudaHacks 2020 Hackathon Event
- **Progressive Web Apps Development Certificate** *December 2019*
Dicoding Academy

ORGANIZATION EXPERIENCES

- HIMTI Binus University** **Alam Sutera, South Tangerang**
General Manager of Education Commission *January 2019 – January 2020*
- Overseeing all programs and activities of Education Commission, especially in Alam Sutera region.
- Staff of Education Commission* *January 2018 – January 2019*
- Arranging responsi, try out, and programming class for students of SoCS BINUS University.

PUBLICATION

- Local Features Based Deep Learning
for Mammographic Image Classification:
In Comparison to CNN Models** *February 2021*
*International Conference on Computer Science
and Computational Intelligence (ICCSKI) 2021*