Edwin Farrel Juniawan

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EDUCATION

Binus University   **Tangerang, Indonesia**
Computer Science Major (Stream: Software Engineering)   *2017 - 2021*
- Cummulative GPA: 3.52

WORK EXPERIENCES

Telkomsigma (PT Sigma Cipta Caraka)   **Bandung, Indonesia**
IT Consultant Officer (Full Time)   *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   **Colorado, United States**
Software Engineer (Part Time)   *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*
- Implemented and refined project management processes and tools, adopting Agile and Scrum methodologies
- Managed key stakeholder relationships, providing regular updates and strategic recommendations
- Plan and implement IT projects, including defining project scope, goals, and deliverables in collaboration with stakeholders
- Allocate resources and coordinate the efforts of team members to deliver projects according to plan
- Plan and schedule project timelines and milestones using Trello
- Proactively manage changes in project scope, identify potential crises, and devise contingency plans

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 *October 2019 – November 2019*
  Mobile Based Application
  Tech Stack :
  - Java (Android Studio)
  - Firebase

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 *February 2021*
for Mammographic Image Classification:
In Comparison to CNN Models
International Conference on Computer Science
and Computational Intelligence (ICCSCI) 2021