

Bagus Dzikri Hidayat

Fullstack Web and DevSecOps Dojo

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A curious Middle Fullstack Web Engineer who wants to dive deeper in some kind of web security, DevOps and software quality assurance. Always being disciplined and aware about secure API authentication. Stay improving my communication skills by being on-time in reporting application bugs.

EDUCATION

PIJARCAMP

Fullstack Web Development Scholarship, Online

March 2022 - December 2022

- Learning best practices in JavaScript, especially in functional and asynchronous programming with the applications in frameworks like React or Next.
- Learning some dependencies that are often used in Express backend web development, like Multer (for file or image uploading), JSONWebToken (for data encryption, especially in login and register system), etc..
- Web designing by React or Next, especially in combining Bootstrap 5 and TailwindCSS.

Universitas Nasional

S1 Information Systems | Faculty of Information and Communication Technology

September 2016 - March 2019

- Learning some basics of programming with data structures in C++ and Java.
- Learning about the basics of web development.

INSTITUT PERTANIAN BOGOR

S1 Computer Science | Faculty of Mathematics and Natural Science

September 2013 - June 2016

- Learning further for programming (in C++ and Java) and also the database system.
- Learning about some essential things in software engineering and project management.

WORK EXPERIENCE

CIMB NIAGA

Dec 2023 – Feb 2024

Middle Software Developer

Mainly focused on maintaining a decision support system from CIMB Niaga for some personal loan and credit card applications

Responsibilities:

- Managing and maintaining all SQL queries that are being used in some personal loan and credit card transactions
- Translating all SQL queries that are being used in some personal loan and credit card transactions into step by step
- Checking all the CIMB Niaga customer addresses with Jaro-Winkler algorithm in JavaScript script
- Script review for the Jaro-Winkler algorithm in JavaScript
- Developing the documentation about some SQL derived fields for some personal loan and credit card applications
- Daily Standup every Monday for updating the software documentation

PT. 4NET PRIMA SOLUSI (FPS)

May 2023 – Aug 2023

Security Engineer

Being placed in LNSW Kemenkeu (Lembaga Nasional Single Window Kementerian Keuangan).

Responsibilities:

- Reviewing all API URLs that will be used in every internal websites for LNSW Kemenkeu
- Testing the security of all API URLs that will be used in every internal websites for LNSW Kemenkeu, especially in security headers and SSL (Secure Sockets Layer)
- Testing all the results of all backend API URLs via Postman, especially in the authentication
- Testing and analyzing error handlings in every backend API URLs before reporting it to every Back-End Developers
- Presenting all updates of the web security of all backend API to the System Analysts
- Discussing with the Quality Assurances about how to check the authentication and error handlings in every backend API URL

PLATON

Feb 2023 – Mar 2023

Software Developer

Being placed for a dashboard information system project from Kemnaker RI (Kementerian Ketenagakerjaan Republik Indonesia).

Responsibilities:

- Creating the login page with the random quotes in the background image
- Implementing Chart.js and ApexChart for chart and table needs
- Creating the treemap chart for showing the Indonesian

worker distribution based on education in Binwasnaker (Pembinaan Pengawasan Ketenagakerjaan) dashboard

- Creating the bar chart for showing the attendee total based on sex and the LPK total based on types in Binalavotas (Pembinaan Pelatihan Vokasi dan Produktivitas) dashboard
- Discussing with the Project Manager if there are some feedback or updates for the task that had been done
- Developing the grid for placing every tables and charts that are needed to be in the dashboard information system

VASCOMM TECHNOLOGY

Dec 2022 – Feb 2023

Backend Developer

Mainly focused on maintaining an application from Bank Tabungan Negara named BTN Smart Residence, where all BTN customers can be eased in searching and paying the housing where they want with all needs on.

Responsibilities:

- Managing, developing and maintaining all payment methods with the payment steps and codes that are going to be used in BTN Smart Residence
- Developing the report of transaction in BTN Smart Residence in creating and updating some date filter based on dates for added and payment bills
- Coordinating to the Quality Assurance about all tasks can be tested if they are done
- Discussing with the Project Manager if there are some feedback or updates for the task that had been done Testing in the database for the payment methods CRUD management via TablePlus
- Implementing web security by using JWT for authentication in the payment methods CRUD management

BANK TABUNGAN PENSIUNAN NASIONAL
IT DevOps

Aug 2020 – Jan 2022

Mainly focused on developing and maintaining an internal DevOps management system named CAKRA. This system is so helpful for all developers in BTPN because they can see the process of artifact building, testing and deploying from all projects they are maintaining and developing.

Responsibilities:

- Responsible for checking the log and events of all microservices and projects in Gitlab, Jenkins, Openshift Console Platform (OCP) and Sonarqube
- Creating and developing the unit test in every NodeJS-based microservices for CAKRA with Mocha and Jest
- Implementing clean architecture in refactoring some microservices for CAKRA in order to increasing the code quality
- Analyzing and discussing every blockers in DevOps process in all projects and microservices in BTPN with other DevOps Reporting common blockers from every Developer and Quality Assurance in DevOps processes via Jira in order to be guides for the next time
- Developing some new features in CAKRA in order to ease every Developers to maintain their own microservices or project that are being handled

PT. MUSAFIR CAKRA PERSADA
Front-End Programmer

Dec 2019 – Feb 2020

Being placed for a monetary information system project for LPDUK (Lembaga Pengelolaan Dana dan Usaha Keolahragaan) Kemenpora. This system is helpful because all the Kemenpora officers can easily see the budget with the debts, credits, and balances that has been used by Kemenpora in various events, such as Asian Games 2018.

Responsibilities:

- Discussing with other programmers about all filters that are needed to differentiate the debts, credits and balances for all LPDUK work units
- Developing all filters for differentiate the table displays in the monetary information system
- Developing the sidebar menu for all the table in the monetary information system

- Discussing with UI/UX Designers if there are some new features that must be developed and implemented soon
- Discussing with the Project Manager if there are some updates for the task that had been done
- Joining some technical meetings if there are some new features in the project that will be developed and implemented

CERTIFICATIONS

ALIBABA CLOUD CERTIFIED DEVELOPER - 1

Sept 2023

CodePolitan

MTA 98-361 CERTIFICATIONS SOFTWARE

Jan 2017

DEVELOPMENT FUNDAMENTALS

Fakultas Teknologi Komunikasi dan Informasi Universitas Nasional

SKILLS

Programming Language	: HTML5-CSS3, JavaScript, Java
Framework and Libraries	: Bootstrap, TailwindCSS, Angular, React, Next, Vue, ApexCharts, Express, Jest, Autocannon, Node-postgres, JSONWebToken, Multer
Tools	: VS Code, Spring Tool Suite, pgAdmin, TablePlus, NoSQLBooster for MongoDB, MS SQL Server Management, Git, Redis, Vault Docker, Openshift, SonarQube, VMWare Workstation, JIRA, Grafana MobaXterm, Security Headers, Postman API