OLIVER NATHAN SIANIPAR

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I am a Software Developer majoring in informatics engineering. Passionate about software development. Has knowledge of programming and loves algorithms, can learn new things quickly, and enjoys learning new things about technology. Have good interpersonal communication and comfortable working in a team or individually.

EDUCATION

BINA NUSANTARA UNIVERSITY   Jakarta
Bachelor's degree Of Computer Science   Oct 2023 Present
    Cumulative GPA: 3.69/4.0
     I learned how to build software about website and more.

INSTITUT TEKNOLOGI DEL   Laguboti,North Sumatera
Associate's degree Of Information Technology   Aug 2020 - Sep 2023
    Cumulative GPA: 3.25/4.0
     I learned how to build software about website and more.

WORK EXPERIENCES

PT. Asuransi Jiwa Sinarmas MSIG Tbk. (Contract)   South Jakarta
Fullstack Engineer   Jul 2024– Present
- Work with a team on an internal project to build POLLUX System using Java Springboot,React.Js,Typescript,Oracle Database,Postman & Swagger UI for the Rest API
- Creating an API with Java Springboot
- Design UI/UX with Figma
- Developed Java modules implementing business rules and workflows using Spring Boot for POLLUX Development
- Slicing UI from Figma using React.Js, Typescript, and Chakra UI
- Build a database (Oracle) model to determine each attribute in the entity that will be used
- Build services with Springboot Microservices

PT. Indonesia Infrastructure Finance (Contract)   South Jakarta
Java Developer (Mendix Low Code Platform)   Apr 2024– Jun 2024
- Work with a team on an internal project to build General Affair Service Systems and User Assessment Management Using Mendix (Low Code Platform), MySQL, Swagger UI for the Rest API
- Created a Rest API with mendix and output directly into Swagger UI documentation
- Build services with Springboot Microservices
- Slicing UI from Figma using Mendix Overview
- Implemented Spring JPA and develop Java modules
- Build a database model to determine each attribute in the entity that will be used

PLN Icon Plus (Contract)   South Jakarta
Software Engineer   Jul 2023 – Mei 2024
- Slicing UI using Vue,js and Tailwind CSS
- Work with a team on an internal project to build Vendor Management System for PLN using Vite, Vue.js, Tailwind CSS,Axios,Springboot, Swagger UI for the Rest API, and PostgreSQL for the Database.
- Consume API from Swagger UI using Axios
- Build frontend service using Javascript
- Implemented Spring JPA and for CRUD in management vendor's data
- Created procedural using PostgreSQL
- Developed Java modules implementing business rules and workflows using Spring Boot for Vendor Management System PLN

PT.Kazeto Putra Perkasa (Internship) South Tangerang
Fullstack Developer Intern Feb 2023 – Jul 2023
- Work with a team on an internal project to rebuild the school registration system with Laravel and Java Springboot
- Work with a team on an internal project to build a UI using Vue.js & TailwindCSS for the frontend library
- Work with a team on an internal project to improve existing databases

Sagara Technology. (Internship) Jakarta
Frontend Developer Intern Jun 2022 – Sep 2022
- Work with a team on an internal project to build a website using Vue.JS and TailwindCSS
- Work with a UI/UX person to design the appearance and user experience of the website

BTPN Syariah (Internship) Jakarta
Fullstack Developer Intern Apr 2022 – May 2022
- Work with a team an internal project to build a website as backend using Laravel and develop some API

PROJECTS

POLLUX System at MSIG Life Insurance Jul 2024 - Jan 2025
- This project is an internal system development called POLLUX System, where I focused on backend development. I built RESTful APIs using Java Spring Boot, implemented microservices architecture for scalability, and designed the database schema with Oracle to optimize data storage. I used Postman and Swagger UI for API testing and documentation. On the frontend, I contributed by translating Figma designs into responsive components using React.js, TypeScript, and Chakra UI.

General Affair Service System and User Assessment Management at PT. IIF Apr 2024 - Jul 2024
- This project involved developing two systems: For the General Affair Service Systems, I focused on backend development using Spring Boot Microservices, implementing RESTful APIs, Spring JPA, and creating modular Java services. I also designed the database schema to ensure efficient data storage and retrieval.For the User Assessment Management, I utilized the Mendix Low-Code Platform to streamline development. I created RESTful APIs directly integrated with Swagger UI for seamless documentation and sliced UI designs from Figma into functional components using Mendix tools. Both systems were developed to enhance operational efficiency and user experience.

Vendor Management System at PLN Icon Plus Jun 2023 - Apr 2024
- I contributed to the development of the Vendor Management System for PLN, working on both backend and frontend components. On the backend, I implemented Spring Boot with microservices architecture to develop Java modules that incorporated business logic and workflows, utilized Spring JPA for CRUD operations, and designed stored procedures using PostgreSQL to optimize database performance.On the frontend, I built services with JavaScript, developed the interface using Vue.js and Tailwind CSS, and consumed APIs from Swagger UI through Axios for seamless data integration. The project utilized **Vite** as the build tool, ensuring a fast and efficient development process. This system was designed to streamline vendor data management and improve operational workflows for PLN.

SKS Information System at PT Kazeto Putra Perkasa Feb 2023 - Jun 2024
- Developed the SKS (Sekolah Kak Seto) Information System, rebuilding the school registration system using Java Spring Boot and PHP Laravel (Previous Backend) for the backend. Contributed to frontend development with Vue.js and Tailwind CSS, and optimized existing databases to enhance performance and data integrity.

ORGANIZATIONS

BEM DEPARTEMEN SARANA DAN PRASARANA Laguboti
Vice-Chairman Mar 2022 – Mar 2023

HIMPUNAN MAHASISWA TEKNOLOGI INFORMASI Laguboti
Member Aug 2020 – Sep 2023

HIMATIF DIVISI SARANA SOSIAL Laguboti
Member Mar 2022 – Jun 2023

ADDITIONALS

Technical Skills: HTML, CSS, Bootstrap, TailwindCSS, PHP, Laravel, Javascript, Typescript, Oracle DB, Vue.js, Java Springboot, MySql, Git, Flowchart, BPMN, UI/UX, Automation Testing, Robot Framework, Cucumber, Axios (Consume API), Mendix (Low Code Platform).

Software: VSCode, Eclipse IDE, Xampp, SQLyog, Figma, StarUML, Bizzagi, Postman, Cisco, Swagger UI API etc,

Languages: Fluent in Indonesian and English ; Conversational Proficiency in English

Awards:

- HIMATIF Coding Day as a Finalist
- Shopee Code League 2022 Participant.
- Kickstart Fullstack Web Development Journey by Rakamin Academy as an Excellent Grade Student 2023.
- The 1st winner as the best project in the Sagara Trainee Program 2022.
- Internship at Kampus Merdeka 2023 event with partner PT. Kazeto Putra Perkasa as a participant