Ali Ikbal
Software Engineer

08815101286
https://www.linkedin.com/in/aliikbal/
aliikbal260401@gmail.com
https://github.com/Aliikbal26

Birthday Date   : 26 April 2001
Address   : Desa Karangmalang, kec. Karangsembung,
                   Kab. Cirebon

Summary

A passionate and detail-oriented Software Engineer with hands-on experience in software development, data analysis, and network engineering. Proficient in Java, PHP, SQL, and Laravel, with a strong foundation in web application development and API integration. Seeking to leverage my skills in a challenging and dynamic environment to contribute to impactful software engineering projects.

Technical Skills

- **Java:** Proficient in developing web applications and RESTful APIs. Experienced with object-oriented programming.
- **PHP:** Skilled in server-side scripting and building dynamic web applications using Laravel.
- **SQL:** Adept at writing and optimizing SQL queries and managing databases with MySQL.
- **Laravel:** Experienced in creating scalable web applications with authentication and CRUD features.
- **Spring Boot:** Knowledgeable in developing and deploying RESTful web services.
- **Postman:** Skilled in API testing, including scenario creation and response validation.
- **Bootstrap:** Experienced in designing responsive web interfaces.
- **Git:** Proficient in version control with Git, including branching and merging.
- **Soft Skills:** Strong in communication, teamwork, and problem-solving.

Work Experience

Intern Data Analyst(January 2023 – March 2023)

Dinas Komunikasi dan Informatika Kab. Cirebon

- Conducted data analysis for the One Data project using data mining techniques.
- Assisted in creating reports and data visualizations.
- Collaborated with the development team to ensure data accuracy and relevance.
- Entered datasets into the One Data Application.

Freelance Network Engineer (September 2022 – November 2022)

IT Services Centre

- Analyzed network troubleshooting issues and provided quick solutions.
- Configured and maintained network devices, including routers and switches.
- Collaborated with the IT team to ensure a secure and efficient network.
- Provided regular performance and status reports of the network to management.

Intern Tecnician Handphone (January 2019 – June 2019)

PT. Evercoss Technology Indonesia, Jakarta

- Assisted administrative staff with document management and data entry.
- Supported the audit department by sorting and recording inventory.
- Aided technicians in smartphone repairs.
- Assisted warehouse staff in tracking the inflow and outflow of goods.

Education

STMIK IKMI Cirebon — Bachelor's Degree in Informatic Engineering

Graduated: 2024 | GPA: 3.58/4.00

Certifications

- **Java Fundamentals | Kominfo**
- **Database Design | Oracle**
- **IT Essentials | Cisco**
- **Programming and Software Development | LSP TIK**
- **Database Programming with SQL | Oracle**
- **UX Design | Coursera**

Project

Aplikasi Bookshelf API (https://github.com/Aliikbal26/Bookshelf-API**)**

Project Description: Developed and tested APIs for a book management application using JavaScript, Postman, and JSON.

Responsibilities:

- Executed test scenarios to ensure the APIs functioned correctly.
- Tested various API endpoints, including GET, POST, PUT, and DELETE.
- Generated test reports and documented bug findings.
- Designed and created API features for creating, reading, updating, and deleting books.

Technologies Used: Postman, JavaScript, Node.js

Notion Application (https://github.com/Aliikbal26/notion)

Project Description: Developed a to-do list application using PHP, Laravel, MySQL, and Bootstrap. This application helps users organize and track tasks, allowing them to create task lists, set deadlines, and mark tasks as completed.

Responsibilities:

- Designed and implemented features for authentication, login, category, priority, to-do, and logout for the application.
- Used Laravel to develop the backend and manage the database with MySQL.
- Implemented a responsive user interface using Bootstrap.

Technologies Used: PHP, Laravel, MySQL, Bootstrap.

Cek-Resi Application (https://github.com/Aliikbal26/cek-resi)

Project Description: A package tracking application integrated with the Binderbyte API. It allows users to enter a tracking number and select a courier to receive real-time status updates and shipment history.

Responsibilities:

- Integrated the Binderbyte API for shipment tracking.
- Handled validation of invalid tracking numbers.
- Built a responsive interface using Bootstrap.

Technologies Used: Java, Spring Boot, Bootstrap, Binderbyte API.

Java Bank Application (https://github.com/Aliikbal26/Java-Bank)

Project Description: A console-based banking application developed in Java using Object-Oriented Programming (OOP) concepts. This application includes features such as deposits, withdrawals, balance checks, account transfers, and other payments like mobile credit and electricity token purchases.

Responsibilities:

- Developing basic banking features in the application, including deposits, withdrawals, balance checks, transfers, and other payments.
- Writing code using OOP principles to ensure modularity and ease of maintenance.
- Testing each feature of the application through console-based test scenarios.
- Preparing documentation for each function and workflow of the application, including class and method descriptions.

Technologies Used: Java, OOP (Object-Oriented Programming), JUnit

Course / Training

Junior Web Developer (KOMINFO)

This training aimed to develop individuals into competent Junior Web Developers. Participants learned the basics of web development using HTML, CSS, JavaScript, PHP, and JSON. The training covered practical implementation of design, coding, and debugging in web application development.

UX Design (KOMINFO)

This UX Design training focused on user interaction with products such as websites and applications, using tools like Figma and Adobe XD. Participants created professional portfolios covering UX fundamentals, design processes, wireframes, research, high-fidelity designs, responsive design, and UX for social good.

Java Programming (Programmer Zaman Now)

This online course provided learning from beginner to advanced levels in Java programming. Topics included Java basics, OOP concepts, Java Standard Library, Generics, Collections, Apache Maven, Java Streams, and Unit Testing, supplemented with practical case studies for direct application.

Prodemy PT. Pro Sigmaka Mandiri (React JS Class)
Web application development using React. This class not only deepened my understanding of state management, components, and props but also introduced me to various techniques and best practices in developing efficient and scalable applications.

Achievments

- Participant Award for Best Performance
- Java Fundamentals Training | KOMINFO
- Recognized as the top participant for exceptional performance and understanding during the Java Fundamentals training program.

Languages

- **Indonesian:** Native
- **English:** Basic
- **Japan**: Basic