

Bagas Miftahun

Software Engineer

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SUMMARY

Software Engineer with 3 years of experience developing and maintaining scalable web applications and backend systems using Laravel, PHP, MySQL, and Vue. Successfully delivered projects such as HR management systems, academic journal websites, and real-time dashboards, demonstrating strong skills in API design, database architecture, and system integration. Additional expertise includes mobile app development with Flutter, Golang, React, and TypeScript, complemented by active involvement in IT organizations and leadership roles.

EXPERIENCE

CV. Techarea Indonesia Jaya

Semarang, Indonesia — July 2022 - October 2022

Web Developer Intern

- Developed and maintained backend systems for a human resources management platform using the Laravel framework, which resulted in enhanced workflow efficiency and improved data management.
- Implemented secure API endpoints and designed robust database architecture to effectively handle sensitive employee information.
- Collaborated with front-end developers to ensure seamless integration and optimal application performance.
- Participated in code reviews and contributed to establishing best practices for backend architecture.
- Utilized version control (Git) to facilitate efficient collaboration and effective management of code.
- Gained hands-on experience in developing scalable, enterprise-level applications within an agile environment.

Software Mahasiswa

Semarang, Indonesia — June 2023 - December 2023

Full-stack Developer

- Contributed to the development of company dashboards, corporate websites & apps, and an academic journal website for a university.
- Designed, built, and optimized web applications in accordance with client and organizational requirements.
- Conducted debugging, testing, and quality enhancements to ensure reliable application performance.
- Launched an academic journal website that facilitates the publication and management of university journals.

CV. Techarea Indonesia Jaya

Semarang, Indonesia — October 2023 - August 2024

Web Developer

- Developed and maintained backend systems for various projects, ensuring seamless integration with frontend applications and third-party services.
- Designed and optimized APIs to facilitate efficient data exchange between client and server systems.
- Implemented database structures and managed data storage solutions to support scalable and secure applications.
- Conducted debugging, code reviews, and performance tuning to enhance system reliability and efficiency.
- Collaborated with cross-functional teams to deliver high-quality solutions on schedule.
- Gained extensive experience in backend technologies and best practices in software development.
- Implemented APIs for mobile app development to enable data consumption from backend systems.

Sultan Agung Hospital

Semarang, Indonesia — August 2024 - Present

Software Engineer

- Developed and maintained software solutions to streamline hospital operations and enhance service delivery.
- Contributed to the design and implementation of internal systems, including data management and reporting tools.
- Collaborated with various departments to gather requirements and deliver customized software solutions.
- Performed system testing, debugging, and updates to ensure functionality and compliance with hospital standards.
- Improved technical skills while working in a fast-paced healthcare environment.

Languages: Indonesia (Native or Bilingual), English (Conversational).

PROJECTS

Journal Website

OJS — June 2023 - August 2023

Web Development

Developed an academic journal website with customized themes and plugins, as well as added features such as search and article filtering. I also set up a content management system to simplify the publishing and management of articles by admins and authors.

HR Management System

Vue, PHP, MySQL, Laravel — September 2023 - April 2024

Web Development

Designed and developed an HR management system with features such as attendance tracking, employee data management, and payroll reports. Additionally, I was responsible for performing regular system maintenance, updating features, ensuring application stability and security, troubleshooting bugs, and providing technical support to users.

NASMOCO Monitoring Dashboard

Vue, PHP, MySQL, Laravel — June 2024 - July 2024

Web Development

Developed a fleet management system with features for tracking vehicle status, routine maintenance, and reporting. I also managed system maintenance and ensured smooth application functionality for fleet managers, while providing technical support to users.

Statistical Dashboard

PHP, MySQL, Laravel — July 2024 - August 2024

Web Development

Built an interactive dashboard for visualizing statistical data. I integrated data from various sources and processed it to display trends and patterns useful for real-time data analysis, ensuring the dashboard could be used for data-driven decision-making.

E-Wallet Bank

Flutter — March 2025 - May 2025

Mobile Apps

Provides a comprehensive all-in-one e-wallet solution characterized by a streamlined interface, expedited transaction processes, integrated expense management, and a consolidated financial dashboard. The application is designed to facilitate users in executing daily financial activities efficiently while maintaining robust security measures and an intuitive, user-friendly navigation experience.

Sikoma

Golang, React, Typescript — August 2025 - September 2025

Web Development

Centralized web-based platform that optimizes hospital communication by automating message distribution through WhatsApp integration. With features such as organized contact management, message templates, scheduling, and real-time status tracking, the system replaces manual workflows with a swift, structured, and dependable communication process. This guarantees that messages consistently reach the appropriate recipients, alleviates administrative workload, and enhances overall operational coordination across hospital departments.

ORGANIZATIONS

Polytechnic Computer Club (PCC)

June 2021 - May 2022

HRD Division Staff

- Assisted in developing job descriptions, screening candidates, and conducting initial interviews.
- Design and implement employee training and development programs.
- Assist members in addressing personal and professional issues.
- Manage administrative activities, such as member data management and member database management

Polytechnic Computer Club (PCC)

May 2022 - May 2023

Research and Development Staff

- Take on a leadership role in the Research & Development division.
- Organize workshops and seminars on IT-related topics for both organizational members and students.
- Establish strategic partnerships with peer organizations to facilitate knowledge exchange and collaboration opportunities.
- Support a colleague in planning and executing technology-related personal projects.
- Organize internal and external IT competitions and events.

SOCIAL MEDIA

Linkedin : [linkedin.com/in/bagasmiftahun/](https://www.linkedin.com/in/bagasmiftahun/) | Github : github.com/BagasMiftahun

EDUCATION

Semarang State Polytechnic

Semarang, Indonesia — September 2020 - September 2023

Informatics Engineering

- Gained a solid foundation in software development, database management, and system design through coursework and hands-on experience with a GPA of 3.86.
- Completed projects focused on web development, mobile application development, and IT solutions.
- Actively participated in an IT organization, contributing to events, workshops, and knowledge-sharing sessions to enhance both technical and leadership skills.
- Maintained academic excellence while balancing extracurricular activities and collaborative projects.