

Muhammad Haris Hidayat

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INFORMATION SYSTEM MANAGEMENT

Software Engineer | Project Management

Experienced Full Stack Engineer with a proven track record of success in developing innovative solutions. Proficient in building robust REST APIs, managing data integration from external systems like SAP, and optimising database performance. Skilled in frontend and backend development using HTML, AJAX, jQuery, Node.js, Express, and MySQL. Demonstrated ability to enhance user experience and operational efficiency through effective technology solutions. Additionally, served as an IT Consultant, providing comprehensive support and expertise in various aspects of IT, and as a Software Engineer, developing modules for web applications. Proven expertise in SQL, ERD, software consulting, and reporting & analysis.

WORK EXPERIENCES

Andalan Utama Transportasi Otomotif – Bekasi City, West Jawa

March 2024 – Present

Fullstack Engineer – Full Time

- Developed robust REST APIs to optimise data exchange between SAP external systems and internal applications, significantly improving integration efficiency and data accuracy.
- Automated data transmission through the creation of schedulers, resulting in enhanced operational efficiency and reduced manual effort.
- Designed and implemented MySQL Triggers and Procedures to optimise database processes, leading to substantial improvements in system performance and data management.
- Enhanced user experience by developing dynamic interfaces using HTML, AJAX, and jQuery, integrated seamlessly with APIs to deliver intuitive and engaging user interactions.
- Engineered a reliable backend infrastructure using Node.js, Express, and MySQL, delivering highly scalable APIs to support business growth and evolving needs.
- Leveraged Vercel Serverless Functions to power backend infrastructure, ensuring seamless scalability and cost-effectiveness while maintaining exceptional performance and reliability.
- Introduced a flagship Fleet Management System module, providing efficient and measurable solutions to optimise fleet operations and drive business success.
- Developed the Android version of the Fleet Management System using Vue.js, Ionic, and PHP with API communication, expanding accessibility and functionality.

Super Globalindo Viktoria – North Jakarta City, Jakarta

January 2024 – March 2024

IT Consultant – Full Time

- Collaborate with end-users to understand their needs and provide in-depth knowledge about the products in production.
- Conduct training sessions to empower users with the necessary skills to maximise the benefits of the implemented technologies.
- Design and develop robust APIs using MOCA SQL to facilitate seamless communication between different software systems.
- Collaborate with cross-functional teams to gather requirements and ensure the scalability and efficiency of the developed APIs.
- Utilise your SQL expertise to extract and manipulate data from databases for custom report generation.

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- Design and implement dynamic reports using Jaspersoft, ensuring data accuracy and providing valuable insights to stakeholders.
- Create comprehensive documentation for developed solutions, APIs, and reports.

Sokka Kreatif Teknologi - Bekasi City, West Jawa

June 2022 – January 2024

Software Engineer – Full Time

Worked with the team of IT for developing modules within <https://app.myklinik.id> modules.

- Designing front end and back end using PHP framework of Sapeltu Core. (<https://github.com/mirzaramadhany/sapeltucore>).
- Establishing database mechanism using SQL Server.
- Working across marketing and product business units to build out the new MyKlinik's modules then increasing 10% satisfactions of end users and getting new 5% more subscribers.
- Building corporate insight and reporting infrastructure from the ground up using ApexChart and SQL Server to provide real time insights each products. <https://corporate.myklinik.id>
- Using PHP's Slim framework for backend engineering mobile applications. <https://play.google.com/store/apps/dev?id=8523998471663162274>

Bandung Islamic School - Bandung City, West Jawa

June 2021 – July 2022

Project Management Analyst – Freelance

- To be defined by Project Charter finding true requirement.
- Analysing the strengths and weaknesses in project work and presenting alternative solutions.
- Responsible for identifying the background and competence of client and programmer.
- Presenting the results of analysis of project objectives and estimated cost of working.
- Establish key performance indicators in project completion.
- Designing an implementation schedule based on key performance in project completion and monitoring and evaluating the project as a whole.
- Defining a custom toolset which facilitated the migration from a conventional matter to the application.
- Assisting the client with User Acceptance Testing (UAT) scenario.

Pou Chen Corporation Indonesia - Sukabumi City, West Jawa

March 2021 - March 2022

Information Technology Management – Full Time

- Maintaining and controlling data of Production System database and inbound outbound SAP using Oracle and collaboration with 3rd party (SAP's representative).
- Educating and training department members which are involved by SAP and others system on the job, conducting User Acceptance Test (UAT) and maintaining issues listed document.
- Defining the concept of database relational using SQL and scope using Unified Modelling Language (UML).
- Develop backend system using internal corporate Javascript framework (SJS).
- CRUD, authentication, authorisation within API scheme using NodeJs and database configuration using MongoDB.

Indonesian Institute of Science (LIPI) - Bandung City, West Jawa

February 2018 - May 2018

Web Designer – Internship

- Clearly determined the past analysis by Business Model Canvas for reviewing structure insight.
- Created web forms prototype to supervisor and procedures to assist with information tasks using Data Manipulation Language (DML). Coordinated the repair and maintenance of department equipment.

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- Reported job description based on management science approach and created manual book using Data Flow Diagram (DFD) and Unified Modelling Language (UML) for understanding IT staff communication.
- Improved the information distribution with the research centre for informatics department to centralised understanding.

EDUCATION

Bachelor of Computer Science - *Indonesia University of Education, Bandung City*

Completed - December 2019

PROFESSIONAL SKILLS

- Client side programming of HTML, AJAX, jQuery.
- Server side programming of Node Js + Express, MySQL + Trigger and Procedure.
- Good knowledge of Microsoft Visio, Microsoft Project.
- Addition knowledge of PHP, MongoDB, Vercel, Vue Js, Ionic.
- Product Design Document and Product Development Life Cycle.

AWARD

NestJS Studyjam – *DOT Indonesia*

April 2022

- Credential

LANGUAGE COMPETENCIES

- Indonesian: native language.
- Malay: fluent.
- English: score 493.
- Mandarin: HSK 3.