

# EDU ARIF RAHMAN HAKIM

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## PROFESSIONAL SUMMARY

*Dynamic Software Engineer with 10 years of experience in full-stack web application development. Known for delivering high-quality solutions, leading cross-functional teams, and driving engineering excellence. Proven track record in project management, fostering positive and productive work environments, and aligning technical strategy with business goals to optimize performance and streamline workflows.*

## PROFESSIONAL EXPERIENCE

### IT Advisor | July - October 2024

PT. OS Selna Jaya

- Provide leadership, coaching, and mentorship to the technical team, aligning their work with project design and process requirements.
- Analysis problem solving of Web Application issue
- Identify and assess potential IS Project risks and vulnerabilities
- Provide training and support to staff on new systems, technologies, and processes

### PROJECTS

#### 1. Big Bang - Migration of Legacy PC Image and Network to Michelin

- **Role : Technical Advisor**
- Description : the migration of all IT assets and infrastructure to Michelin's standardized image and network, ensuring seamless integration with existing systems.
- Technology Used: Local Michelin Server, Azure Cloud Services, Kafka, PHP, React.js, Laravel, CodeIgniter, PostgreSQL
- Key Achievement: Successfully transitioned all applications and infrastructure to Michelin's image and network without impacting tire production processes or operations, ensuring business continuity.

### Software Engineer | March 2019 - May 2024

PT. Multistrada Arah Sarana Tbk (Michelin Group)

- Planning, Monitoring, Reporting IS Project as Project Lead
- Help team (IS & Business) to meets IS Solutions
- Managed project phases using the SDLC waterfall framework, ensuring adherence to timelines and quality standards.
- Actively participated in daily Scrum meetings, facilitating effective communication and collaboration within the team
- Analyze system requirement based on user request & manage user expectation
- Create system design/architecture follow security Michelin Group Guidelines
- Develop Web Application to support business process.
- Deployment and Maintenance Web Server Environment base on Web Application requirement (Ubuntu, CentOS & Rocky Server)
- Maintenance security of Web Application
- Analyzing / debugging / troubleshooting and take corrective action based on requirement
- Create and maintain / update the documentation of the application program code
- Fixing web application security based on Penetration Test and Vulnerabilities Report
- Analyze Product deliver to prevent operational problem
- Using Scrum as daily and reporting

## PROJECTS

### 1. Raw Material Decompose Application - Calculate Raw Material tools

- **Role : Developer**
- Description : Developed a tool to calculate raw material requirements for tire production in upcoming periods, enhancing planning accuracy and supporting efficient manufacturing supply.
- Technology Used : React.js, CodeIgniter, PostgreSQL, Git
- Key Achievement Improved precision in raw material purchasing plans, ensuring efficient and reliable material supply for tire production.

### 2. Vendor Portal - Supplier Access for POs, Receipts, and Invoice Submission

- **Role : Lead Developer**
- Description : Built a dedicated portal for suppliers to seamlessly access purchase orders (POs), view receipts, and submit invoices, optimizing ERP-integrated interactions for faster, more transparent processing
- Technology Used : PHP, CodeIgniter, PostgreSQL, Azure Cloud Server, Git
- Key Achievement: 90% reduction lead time Suppliers invoices processing and streamlining term of payments for faster, more efficient transaction.

### 3. LOT 3 - Account Payable (AP) System Integration

- **Role : Lead Developer**
- Description : The Account Payable (AP) integration process from a legacy system to the Michelin System, contributing to a larger integration project.
- Technology Used: Kafka, Golang, CodeIgniter , PostgreSQL, SQL Server, Git
- Key Achievement: Standardized AP Process in alignment with Michelin guidelines, enhancing compliance, consistency, and operational efficiency.

### 4. Zero Touch Project - Customer/Distributor Portal

- **Role : Lead Developer**
- Description : Build a portal enabling distributors to check order statuses, contributing to improved transparency and customers satisfaction.
- Technology Used: PHP, Laravel, PostgreSQL, Azure Cloud Server, Git
- Key Achievement: Achieved a 70% increase in customer satisfaction in Q2 2023, followed by a 90% increase in Q2 2024, through continuous process improvements and enhanced customer support initiatives.

## IT Application Developer | March 2018 - March 2019

### PT. Multistrada Arah Sarana Tbk.

- Analyze system requirement base on Business User request.
- Enhancement Web Application to support business process.
- Deployment and Maintenance Web Server Environment base on Web Application requirement (Ubuntu & Centos Server)
- Analyzing / debugging / troubleshooting and take corrective action based on requirement.
- Create and maintain / update the documentation of the application program code

## Analyst Programmer | October 2016 - April 2017

### Cloudaron Pte. Ltd.

- Create fast, easy-to-use applications, and develop prototypes quickly with clean code
- Analyzing / debugging / troubleshooting and take corrective action based on requirement.
- Convert the design into HTML5 and development of user facing code.
- Ensure technical feasibility UI / UX Design
- Analyze system requirement and create a flow chart/document.
- Create and maintain / update the documentation of the application program code.

## PROJECTS

### 1. Vmap - Student Computer Reservation System

- **Role : Developer**
  - Description : Developed a system that enables students to check the real-time availability of computers and make reservations, improving accessibility and resource management in university labs.
  - Technology Used : CodeIgniter, MySQL, C#, Git
  - Achievement: Successfully implemented in two universities, enhancing accessibility and convenience for students
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## Lead Web Developer | February 2016 - October 2016

Fatfish Internet Group Ltd.

- Analyze, design, and develop web-based applications using PHP tools and frameworks.
- Support ongoing application development and feature enhancements.
- Maintain accurate, up-to-date software documentation.
- Report on project/product progress and monitor team member task progress.

## PROJECTS

### 1. Kredito.id - Peer to Peer Lending Platform

- **Role : Lead Web Developer**
- Technology Used : React.js , CodeIgniter, MySQL, Node.js, Git
- Achievement: Successfully onboarded 5 borrowers, contributing to the initial growth of the platform.

## Web Developer | May 2015 - January 2016

Data Lintas Utama

- Design and develop website with CMS Wordpress
- Optimize several client websites by implementing SEO strategies to improve their visibility and search engine rankings

## ADDITIONAL EXPERIENCE

### Junior IT Analyst & Programmer | March 2014 - April 2015

Dewan Kehormatan Penyelenggara Pemilu (DKPP)

- Develop draft Standard Operating Procedures to streamline processes and ensure consistency.
- Analyze system applications to design automated workflows that integrate seamlessly with web-based applications

## TECHNICAL SKILLS

- Languages: PHP, Golang, Python, Javascript, TypeScript, SQL
- Framework & Libraries: React.js, Next.js, Vue.js, Context API, Node.js CodeIgniter, Laravel
- Tools & Technologies: Git, Docker, GCP, OpenAI API, Jira, Visual Studio Code, MacOS, DigitalOcean Servers, AWS, Azure Server
- Databases: MySQL, PostgreSQL
- Server: Ubuntu, CentOS 7, Rocky
- Other Skills: Project Management, SDLC (Software Development Life Cycle) Waterfall, Agile Methodology, Teamwork, Independent work, Troubleshoot, SEO, Time Management

## EDUCATION

### Bachelor of Computer Science | 2010 - 2015

Syarif Hidayatullah State Islamic University - Jakarta

- Relevant Coursework: Algorithm, Programming, SQL, System Design, SDLC, IT Project Management, Supply Chain Management
  - GPA: 3.48
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