



# Muhammad Surya Rusfauzi

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## Profile

Software Engineer and Data Analyst with 5+ years of experience architecting responsive web applications using React JS and Laravel. Merging logical software engineering with data analytics to optimize business efficiency. At Wings Group, successfully eliminated operational bottlenecks by automating manual data entry processes through AI integration and developing realtime analytics dashboards, reducing reporting turnaround time by 50% and minimizing human error.

## Experience

### PT. Bumi Alam Segar ( Wings Group )

Jan 2025 - Jun 2026

#### Data Administrator & Analyst

- Automated manual data entry and reporting processes by successfully integrating AI-driven solutions, eliminating operational bottlenecks and significantly reducing data processing latency.
- Designed and developed interactive dashboards using Power BI and Looker Studio to present real-time business insights, accelerating strategic decision-making for executive management.
- Conducted periodic data cleaning and retrieval processes across company operational databases, ensuring 100% data accuracy, consistency, and readiness for advanced downstream analysis.
- Analyzed project operational data trends, including Purchase Request and Engineering Job Order logs, transforming raw datasets into actionable intelligence to evaluate and optimize cross-divisional work efficiency.
- Streamlined the management of employee operational data (leave, overtime, etc.) by engineering a structured control system, minimizing input errors and maximizing data integrity.

### AkuAnalisis.com

#### Project Manager & Frontend Developer (Project-Based)

Jun 2024 - Oct 2024

- Led the end-to-end implementation of the SDLC from initial ideation to production release, ensuring the entire development of the akuanalisis.com platform was structured, efficient, and aligned with industry standards.
- Optimized team productivity and cross-functional collaboration by establishing realistic milestones and agile workflows, successfully achieving a 100% on-time delivery rate for project deliverables.
- Spearheaded frontend development utilizing React JS, engineering high-performance, responsive user interfaces (UI) that enhanced overall user experience (UX) and optimized web loading speed.

### CodeHive ( Software House Agency )

Jan 2021 - Present

#### Founder & Lead Full-Stack Developer ( Self-Employed )

- Founded and scaled a software development agency with a 3-member team, driving comprehensive business strategies, client acquisition, marketing promotions, and service portfolio expansion.
- Serve as Lead Developer to architect and execute full-stack web and mobile application projects, utilizing a robust tech stack of React JS for frontend and Laravel for backend development.
- Manage end-to-end project scheduling and resource allocation, ensuring optimal team workload balance, maximum development efficiency, and 100% on-time client delivery.

### Bangkit Academy led by Google, GoTo, & Traveloka

Aug 2023 - Dec 2023

#### Android Development Cohort

- Mastered industry-standard mobile development competencies by developing native android applications utilizing Android Studio, Kotlin, and Flutter frameworks.
- Collaborated within a 3-member cross-functional team alongside Machine Learning and Cloud Computing cohorts to design, architect, and execute a comprehensive Capstone Project.
- Engineered and deployed a production-ready mobile application that seamlessly integrated a responsive user interface, custom AI/Machine Learning models, and a scalable cloud-based architecture.

**Web Development Intern**

- Contributed to the engineering of a large-scale Warehouse Management System (WMS), focusing on the optimization of core application features and system performance.
- Implemented end-to-end technical solutions by utilizing Laravel for robust backend and database management, alongside React JS for architecting responsive user interfaces (UI).
- Collaborated within a dynamic engineering environment, adapting to industry-standard code architectures while actively debugging and integrating new scalable features.

**Education**

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**Universitas Singaperbangsa Karawang****2021 - Present****Informatics Engineering ( Expected Graduation : Oct 2026 )**

- Implementing programming theory and data structures into real projects, including the development of web applications (Full-Stack) and industrial-scale data management systems.
- GPA : 3.3 / 4.0

**Skills**

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- Technical Skills : React JS, Node JS, Laravel, MySQL, Kotlin, Flutter, Android Studio, Git, Docker, Jira/Trello.
- Data Analytics : Advanced Excel, Power BI, Looker Studio, SQL, PostgreSQL, Data Cleaning, Data Visualization.
- Methodologies : Agile/Scrum, SDLC (Software Development Life Cycle), Project Management, Unit Testing.

**Certifications**

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- Advanced Excel for Data Analytics | Karirnex – January 2026
- Intermediate Android Development | Dicoding Indonesia – November 2023
- SOLID Design Principles in Software Engineering | Dicoding Indonesia – October 2023
- Junior Web Developer | Badan Nasional Sertifikasi Profesi (BNSP) – August 2023
- Introduction to Git and GitHub | Dicoding Indonesia – August 2023
- Problem Solving (Basic) | HackerRank – June 2023
- Laravel Web Development Course | Harisenin.com – May 2023
- TOEFL test E-Course | Score: 420 – April 2023
- Junior Web Developer | Badan Nasional Sertifikasi Profesi (BNSP) – November 2021
- Fundamental Web Programmer | Hacktiv8 Indonesia – November 2021
- Python for Fundamental Data Science | DQLab – September 2021
- React JS Web Development Course | Dicoding Indonesia – September 2021
- Fundamental SQL | DQLab – September 2021

**Portfolio**

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Personal portofolio website : <https://muhammadsuryapersonalweb.netlify.app>Github Account : <https://github.com/muhammamdsurya>