



Muhammad Sandy Putra Riyadi

Software Engineer

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Summary

Driven Software Engineer with a passion for creating impactful solutions through innovative development practices. Experienced in collaborating on diverse projects, adapting to dynamic environments, and contributing to both individual and team success. Committed to continuous learning and growth, with a strong foundation in software development and a keen interest in exploring emerging technologies to deliver optimal results.

Experience

PT. Klakklik Inovasi Digital

Fullstack Developer

📅 May 2024 – October 2024 (Full-Time, Onsite) – Jakarta, Indonesia.

- Manage and maintain the **SIMDIKLAT** Web Application for **BPSDM Jakarta Provincial Government**, ensuring optimal performance, security, and reliability.
- **Contributed** to the **development** of the **next-generation SIMDIKLAT** platform using **Next.js**, **TypeORM**, and **Oracle**, transitioning from **Laravel** and **MySQL** to enhance scalability and modernize the system architecture.
- **Developed** dashboard applications, **Pintar** using **React.js** and **Musrenbangkom** using **Vue.js**, to present comprehensive insights from **SIMDIKLAT** data, supporting decision-making for the leadership of **BPSDM Jakarta Provincial Government**.

PT. Cyber Web Indonesia

Technical Support Specialist

📅 April 2023 – April 2024 (Full-Time, Hybrid) – Bogor, Indonesia.

- **Provided technical support** to customers, troubleshooting and resolving web hosting issues, including server configurations, domain management, and website performance.
- **Assisted** clients with **hosting setup** and **maintenance**, ensuring smooth website deployment and reliable service and **educated** customers on **hosting features** and **best practices**, enabling them to effectively manage their websites.
- **Monitored** and **maintained server performance**, ensuring uptime and optimal functionality for hosted websites, also **performed regular system check** and **updates**, ensuring security and stability of hosting services.

Maritim Muda Nusantara

Web Developer and Administrator

📅 August 2023 – January 2024 (Internship, Onsite) – Jakarta, Indonesia.

- **Promoted** to a **Web Developer and Administrator division leader**, and got a temporary position as **Manager of Digital Transformation and Maritime Innovations** that managing a team of 20 members. I was promoted based on a maritim muda's decree number [014/SK/MMN/IX/2023](#).
- **Led team meetings**, **strategy discussions**, and **coordinate division member** to align goals, track progress, and address challenges effectively.

- **Organized** and **maintained source code repositories** for websites affiliated with Maritim Muda Nusantara, ensuring efficient version control and collaboration.
- **Contributed** to the **development of affiliated websites** such as **maritimmuda.id** using **Laravel**, **theblueeconomist.org** using **React**, **becdex.com** using **CodeIgniter**, and many more.

Bangkit Academy led by Google, GoTo, and Traveloka

Cloud Computing

📅 February 2023 – July 2023 (Internship, Online) – Jakarta, Indonesia.

- Gained expertise in configuring services on **Google Cloud Platform** following best practices.
- Learn how to build **APIs** using **Nest.js** and **Express.js** with many DBMS ensuring they are **flexible** and can be **consumed** in various formats (e.g., JSON, XML).
- **Built foundational knowledge** of **DevOps** practices and technologies, including Docker, Kubernetes, Terraform, and many more to enhance deployment, automation, and infrastructure management.
- **Led the development** of **Tourista**, an **Android-based travel service app** designed to **recommend travel destinations** to users using **AI**. The app was built with **Kotlin** for Android development, **Express.js** for the backend, and hosted on **Google Cloud Platform** for cloud infrastructure. Managed the project, coordinated team efforts, and ensured the integration of AI features to enhance user experience and provide real-time travel suggestions.

Education

Sekolah Tinggi Ilmu Komputer El Rahma

Bachelor's Degree in Informatics

📅 September 2020 – September 2024 (Scholarship, Regular Class) – Bogor, Indonesia.

- **Graduated** with **Honors**, achieving a **CGPA** of 3.90/4.00.
- **Actively contribute** to the **management** and **organization** of student activities and events in the **Informatics Student Association**.
- **Contributed** to the **development** of the **Landing Page** using **Wordpress**, and **Academic Information System** using **Laravel** for **Sekolah Tinggi Ilmu Komputer El Rahma**, playing a key role in building and improving the institution's systems due to its early stage of establishment.

Skills

Technical Skills

- Programming Languages: HTML, CSS, PHP, Java, JavaScript, TypeScript, Python, SQL.
- Frameworks: Bootstrap, Tailwind CSS, Wordpress, CodeIgniter, Laravel, React.js, Vue.js, Node.js, Express.js, Next.js, Nest.js, Sequelize, TypeORM, EloquentORM, Prisma.
- Database Management System: MySQL, MariaDB, PostgreSQL, Microsoft SQL Server, SQLite, Oracle Database, Google Firebase.
- Misc: Git, Google Cloud Platform, Netlify, Cloudflare, Jira, Whimsical.

Soft Skills

- Leadership, Teamwork and Collaboration, Problem-Solving, Communication, Adaptability, Critical Thinking, Technical Writing and Documentation.
- Languages:
 1. Bahasa Indonesia: Native Speaker.
 2. English: Intermediate.