



RAMA DHEA YUDHISTIRA

[WhatsApp](#) | [email](#) | [Linked In](#) | [My Profile](#)

Bogor, Indonesia

I am Rama Dhea Yudhistira, a graduate in Informatics Engineering from Universitas Pamulang with over two years of experience in mobile and web application development. My expertise spans React Native, React JS, Next JS, JavaScript, TypeScript, and full-stack development using MongoDB, Express.js, Node.js, PostgreSQL, and MySQL. I successfully launched the Master Diskon app, which has been praised for its efficiency and userfriendly design.

My passion for UI/UX design and my hands-on experience with Agile methodologies empower me to create solutions that are both functional and aesthetically appealing. With a deep enthusiasm for technological innovation, I am eager to contribute as a Mobile Developer, Full Stack Developer, Software Engineer, Backend Developer, or Web Developer in your team.

Work Experiences

PT PENERBIT ERLANGGA GROUP - Jakarta, Indonesia

Jan 2023 - Present

Front End Mobile Developer

PT Penerbit Erlangga is a leading publishing company in Indonesia, specializing in educational books and learning materials for students and professionals. Since its establishment, the company has been committed to supporting education through high-quality publications that meet the evolving needs of Indonesia's academic landscape.

- Built mobile applications for Android and iOS platforms using React Native.
- Translated UI/UX designs into mobile app interfaces for Android and iOS devices.
- Performed regular maintenance to prevent bugs and errors in the application.
- Updated features based on user requirements.
- Conducted user interaction-based testing using React Native Testing Library.
- Increased download traffic for the Master Diskon app by 16% in version 2 through a refreshed UI and more responsive features.
- Developed responsive designs for accessibility on tablets and iPads.
- Uploaded the application to production on both the Play Store and App Store.

Eduwork - Yogyakarta, Indonesia

Jul 2022 - Dec 2022

Web Developer

Eduwork is a professional training and education platform that focuses on equipping individuals with practical skills in technology and digital industries. Through comprehensive courses and hands-on learning, Eduwork helps learners develop expertise in areas such as software development, web development, and other in-demand tech skills, empowering them to succeed in the modern workforce.

- Built website interfaces using React JS
- Developed responsive web designs for compatibility with mobile browsers
- Connected website functionality to MongoDB databases using the Express.js framework
- Implemented UI/UX designs into website interfaces

PT HASHMICRO SOLUSI INDONESIA - Jakarta, Indonesia

Feb 2022 - Jul 2022

Junior Software Programmer

PT Hashmicro Solusi Indonesia is a leading provider of ERP solutions, offering comprehensive software systems for various industries. Specializing in automating business processes, Hashmicro helps organizations improve efficiency, streamline operations, and enhance overall productivity through customizable, cloud-based ERP systems. Their solutions cover areas such as accounting, inventory management, manufacturing, human resources, and more, tailored to meet the unique needs of businesses in Indonesia and beyond.

- Developed and modified Odoo modules according to client business requirements
- Collaborated with the team to design and implement Odoo-based ERP solutions
- Optimized Odoo module performance to ensure stable and fast application functionality
- Performed debugging and maintenance of Odoo systems to ensure error-free operation
- Provided technical support to end-users for Odoo implementation and usage
- Tested new features and modules in Odoo before deploying to production environments

Education Level

Universitas Pamulang - Pamulang, Tangerang Selatan (GPA 3.49 / 4.0)

Sep 2019 - Mar 2024

Bachelor Degree in I was a student of Informatics Engineering at Universitas Pamulang, where I studied the fundamentals of computer science, programming, software development, and information systems management. During my studies, I participated in various projects focused on web and mobile application development, honing my skills in modern technologies such as databases, project and risk management, and mobile development using Android Studio., 3.49/4.00

- Studied the fundamentals of computer science, programming, and software development
- Engaged in web and mobile application development projects
- Developed skills in modern technologies such as databases, project management, and risk management
- Built mobile applications using Android Studio
- Collaborated with teams to complete group tasks in software development
- Applied Agile methodology in application development projects
- Actively participated in academic and non-academic activities on campus

Organisational Experience

MPK SMAN 4 Cibinong - Kabupaten Bogor, Indonesia

Aug 2016 - Sep 2017

Ketua Umum

The Class Representative Council (MPK) at SMAN 4 Cibinong is a student organization that serves as the legislative body within the school. MPK is responsible for overseeing and providing input on OSIS activities as well as other student organizations. Additionally, MPK plays a role in conveying student aspirations to the school administration, ensuring the implementation of beneficial activities, and fostering a supportive and participatory school environment.

- Led meetings and discussions among MPK members to plan and evaluate organizational activities
- Supervised the activities of OSIS and other student organizations, providing feedback for improvement
- Acted as a liaison between students and the school administration to convey aspirations and suggestions for activities
- Coordinated MPK members in carrying out their tasks and responsibilities
- Guided MPK members to ensure the creation of a supportive and participatory school environment
- Made strategic decisions in developing internal MPK policies
- Prepared reports on MPK activities and presented them to the school administration

Skills, Achievements & Other Experience

- **React Native** (2023): Developed mobile applications for Android and iOS platforms using React Native. Successfully launched applications with user-friendly interfaces, improved performance, and optimized them to run smoothly on various screen sizes, including tablets and iPads. Additionally, played a role in conducting user interaction-based testing using React Native Testing Library and maintained the applications to prevent bugs and errors. Also updated features based on user needs.
- **React Js** (2022): Contributed to the development of user interfaces (UI) for web applications using React JS, focusing on building responsive designs that are accessible on both mobile and desktop devices. Implemented UI/UX designs from the design team into modular and maintainable React components. Collaborated with the backend team to integrate APIs and ensure data was displayed correctly in the application. Additionally, implemented state management using Zustand and Redux to ensure optimal application performance.
- **Machine Learning** (2023): Worked on projects involving machine learning algorithms and models to solve complex problems. Developed and trained models using Python libraries such as TensorFlow and scikit-learn. Implemented predictive analytics to gain insights from data, improving decision-making processes. Focused on model optimization, accuracy improvements, and evaluating model performance through various validation techniques. Applied machine learning concepts to practical use cases, ensuring effective integration into real-world applications.
- **Node Js** (2022): Developed backend services using Node.js, focusing on building scalable and efficient server-side applications. Implemented RESTful APIs to facilitate communication between the server and front-end applications. Worked with Express.js to manage routing, middleware, and API request handling. Integrated various databases like MongoDB and PostgreSQL for data storage and retrieval, ensuring smooth data flow. Emphasized security practices and optimization to enhance performance and prevent vulnerabilities. Collaborated with front-end developers to ensure seamless integration with user-facing interfaces.
- **Express Js** (2022): Developed and maintained server-side logic using Express.js to create scalable and robust web applications. Implemented RESTful APIs to handle requests and deliver data between the client and server efficiently. Managed routing, middleware, and error handling to ensure a seamless user experience. Integrated Express.js with various databases such as MongoDB and PostgreSQL for dynamic data handling. Focused on optimizing performance, implementing security best practices, and ensuring high availability of services. Collaborated with front-end developers to align server responses with UI requirements.
- **Odoo** (2022): Developed and customized Odoo modules to meet specific client business requirements. Worked on integrating Odoo with third-party applications to enhance overall functionality and streamline business processes. Optimized the performance of Odoo

modules, ensuring smooth and efficient operations. Conducted debugging and maintenance tasks to resolve issues and prevent system errors. Collaborated with team members to implement ERP solutions based on Odoo, delivering comprehensive business management systems. Provided technical support and guidance to end-users, ensuring they could effectively use the system for their operations.

- **ERP (2022):** Worked on implementing and customizing ERP systems to align with specific business workflows and requirements. Focused on optimizing various business processes such as accounting, inventory management, and human resources by integrating ERP solutions. Collaborated with cross-functional teams to ensure successful deployment and smooth operations of the ERP system. Performed troubleshooting, debugging, and system upgrades to improve performance and address issues. Provided training and support to end-users, enabling them to efficiently navigate and utilize the ERP system for daily operations.
- **Mongo DB (2022):** Worked extensively with MongoDB to design and manage NoSQL databases for web applications. Developed efficient data models to handle unstructured and semi-structured data, optimizing query performance for large datasets. Integrated MongoDB with backend frameworks like Express.js to enable seamless data storage and retrieval. Implemented data validation, indexing, and aggregation pipelines to improve data integrity and performance. Focused on optimizing database performance and ensuring data security through backup and recovery strategies. Collaborated with development teams to ensure proper database integration with applications.
- **Postgre SQL (2022):** Worked with PostgreSQL to design and manage relational databases for web applications. Developed complex SQL queries to efficiently handle large datasets and optimize data retrieval. Implemented database schema design, normalization, and indexing to ensure data consistency and performance. Collaborated with development teams to integrate PostgreSQL with backend frameworks like Express.js and Node.js. Focused on database optimization, security, and backup strategies to ensure the integrity and availability of data. Applied advanced features such as transactions, triggers, and stored procedures to automate processes and enhance functionality.
- **Web Development (2022):** Engaged in full-stack web development projects, focusing on building responsive and user-friendly web applications. Utilized modern front-end technologies such as React JS and Next.js to create dynamic user interfaces. Worked on backend development using Node.js and Express.js, implementing RESTful APIs and connecting with databases like MongoDB and PostgreSQL. Ensured cross-browser compatibility and optimized performance for a seamless user experience. Collaborated with crossfunctional teams to ensure proper integration of design, functionality, and database management, while adhering to Agile methodologies for efficient project delivery.
- **Mobile Development (2022):** Specialized in developing mobile applications for both Android and iOS platforms using React Native. Focused on creating user-friendly, responsive interfaces that offer a seamless experience across various screen sizes, including tablets and iPads. Collaborated with designers to implement UI/UX designs into fully functional mobile applications. Integrated back-end services and APIs to ensure data flow between the mobile app and server. Conducted testing and debugging to ensure the application was free of bugs and optimized for performance. Deployed apps to the Play Store and App Store, continuously updated features based on user feedback.