

MUHAMMAD RAFI SHIDIQ

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ABOUT ME

Front-End Developer, Fullstack Developer, UI/UX Designer

I am a motivated Computer Science student who brings a passion for technology and innovation. I specialize in front-end web development using modern technologies such as JavaScript, Reactjs, and Nextjs. I also have skills in API or backend development, UI/UX design, cloud, and data. My approach prioritizes user-centric, visually appealing, and functional applications that meet the needs and expectations of the clients. I also possess strong project management and leadership skills, effectively coordinating teams, setting milestones, and mentoring team members. I am committed to continuous learning and staying updated with the latest technologies and best practices in the industry. I thrive in a team environment, blending technical proficiency with leadership and quality assurance expertise. I am always eager to take on new challenges and learn new skills that can help me grow as a developer and a professional.

SOME PROJECTS

- [NutriAst](#) health monitoring fullstack web app developed using React.js, Tailwind CSS, Zustand, and Next.js. Involved defining the problem, designing the architecture, and prototyping. Integrates Tensorflow Machine Learning with a Cloud-Based architecture. REST APIs were created using Node.js Express and Flask Python. Involved data scraping from the web and preprocessing. A cloud environment using Firebase for Google authentication, Cloud SQL for database, and Cloud Run for deployment. The backend services/APIs also integrated into a mobile app developed in Kotlin.
- [Shiropine Art Gallery](#): Drawing portfolio showcase fullstack web app both React.js, Tailwind CSS, and Node.js Express with mongo dB and Cloudinary. Visually stunning animated UI/UX design. Responsive on all devices, boasts an elegant layout, and offers optimized performance. Email send and google captcha featuring.
- [Utami Bakery Store](#): Ecommerce store, lead front-end and UI/UX development team using Figma, React.js and MUI. Send WhatsApp messages feature
- [Sales Admin Dashboard](#): Fullstack web app built using React.js, MUI, Redux state management, and Node.js Express for server backend
- [Personal Portfolio](#): Front end website built with React.js, SCSS, Tailwind CSS
- [Personal Profile](#): Front end website built with React.js, Tailwind CSS, and Next.js typescript.
- [E-commerce Metime](#): Develop E-Commerce mobile app with flutter dart and firebase.
- [E-Library](#): Full stack web built with Laravel 8 and MySQL database.
- [Survive Hop Game](#): Desktop simple 2D game built using java OOP & Apache NetBeans with MySQL database. Implementing loop, physics, control, and point from scratch.

EXPERIENCE

TELKOM INDONESIA TBK

September 2023 – Desember 2023

System Analyst, Internship

Resolved HR application issues and troubles, ensuring IT General Control compliance, fostering good corporate governance through technology integration, and driving organizational efficiency. I also served as a Product Owner and System Analyst, responsible for analyzing client needs and translating them into actionable system requirements.

- Collaborated closely with development teams to ensure product features were aligned with client expectations and business objectives
- Contributed to the development of user stories, use cases, and system specifications to guide the development process
- Managed end-to-end HC project and processes, from analysis, design, development, to implementation

BANGKIT ACADEMY LED BY GOOGLE, GOJEK, TOKOPEDIA, & TRAVELOKA

February 2023 – July 2023

Cloud Computing Path, MSIB Kampus Merdeka 2023, Distinction Graduated

Completed several courses related to cloud computing and backend development. I have also undergone training in soft skills. In addition, I have successfully completed numerous projects, both individually and as part of a team. All of my classes and training were conducted entirely in English. I also graduated with distinction.

- Gained proficiency in web development fundamentals, JavaScript, creating back-end applications with

GoogleCloud, and becoming a Google Cloud Engineer.

- Completed several projects, such as creating responsive websites, UI/UX design, developing backend REST APIs, and deploying applications on the Google Cloud Platform.
- Successfully completed capstone project based as co-leader, overseeing cloud environment, backend app, and data/machine learning.

ASSISTANT LECTURER & VOLUNTARY

2022 – 2023

Computer Networking and Software Development

Been responsible for creating lesson plans, modules, and exam materials. I have also taught practical sessions, supervised competitions Dinamik UPI (programming & computer networking) high school level, and conducted exams. Additionally, I have facilitated software development tutorials covering SDLC, UML, and DFD. Moreover, I have maintained the computer laboratory. Overall, this experience has enhanced my skills in curriculum design, teaching, and laboratory management or maintenance.

EDUCATION

UNIVERSITY OF PENDIDIKAN INDONESIA

Bandung, West Java, Indonesia

Bachelor of Science, Major in Computer Science

2020 – Present

Minors in Software Development

GPA: 3.85/4.0; Google Developer Students Club UPI Member (Web, Cloud, UI/UX); Active Project Collaboration; UI/UX Gemastik 2022 Competition; Dinamik Computer Programming Competition; Comfest: Cyber Security Competition, Assistant Lecturer & Voluntary; Programming Organization OSTRIC; Dinamik UPI Committee;

SMAN 2 PURWAKARTA

Purwakarta, West Java, Indonesia

Major in Science

2017 – 2020

English Club SMANDA; Information & Technology Club Assistant;

CERTIFICATIONS

[Associate Cloud Engineer](#) – Google certificate, By Google Cloud,

[Google It Support Professional](#) – Google certificate, By Coursera,

[Menjadi Cloud Engineer](#) – By Dicoding

[Belajar Membuat Aplikasi Back-End Untuk Pemula Dengan Google Cloud](#) – By Dicoding

[Belajar Dasar Pemrograman Javascript](#) – By Dicoding

[Belajar Dasar Pemrograman Web](#) – By Dicoding

[Pengenalan Ke Logika Pemrograman](#) – By Dicoding

[Memulai Dasar Pemrograman Untuk Menjadi Pengembang Software](#) – By Dicoding

OTHERS

Technical Skills: Focused on HTML, CSS, SCSS, JavaScript, Node.js, React.js, NextJs, Zustand, Rest API, Express js, Tailwind CSS, MUI, Bootstrap, MySQL, MongoDB, UI/UX Design (Figma), Google Cloud Platform. Familiar with Redux, Typescript, PHP, Firebase. Also had experienced on Machine Learning and Mobile Programming, C/C++, Laravel, Java, R, Flask, Google Colab, Python, Flutter Dart.

Soft Skills: Growth Mindset, Time Management, Critical Thinking and Problem Solving, Adaptability, Fast Learning, Project Management, Leadership, Analytical

Other Skills: Software Quality Assurance, Human Resources (HR)

Languages: Bahasa as Origin; Beginner conversational in English