TIO RAMADHAN

tioramadhan9f@gmail.com • +6281386673635 • linkedin.com/in/tioramadhn

Software engineer with 2+ years of hands-on experience. Proven track record of developing innovative software solutions and contributing to successful projects. Possesses excellent communication skills and a collaborative mindset, adept at problem-solving and delivering high-quality software products. Seeking opportunities to leverage expertise in software engineering to drive innovation and achieve impactful results.

Education

Institut Pertanian Bogor   Bogor, Jawa Barat
Bachelor Computer Science. GPA 3.61/4.00   2019-2023
Thesis:
- Development of a Data Warehouse Model for Online Analytical Processing Applications for Karhutla Hotspot Data (2023).

Achievement:
- 1st Winner in the HIMASI Junior Frontend Web Developer Competition 2021.
- 1st Winner in Poster Competition at Millenial Art Fest Competition 2021.
- Best Business Marketing at IPB's Informatics Innovation Festival 2020.

Professional Experience

BRAIN IPB   Bogor, Jawa Barat
IT Programmer   Jul 2023 – Mar 2024
- Developed and maintained web applications using Next JS, and various backend technologies such as Node.js, and Nest JS.
- Developed smart contracts and decentralized applications (DApps) using blockchain technologies such as Hyperledger Fabric and Fablo.
- Integrated blockchain functionality into existing systems for enhanced transparency and traceability of transactions.
- Collaborated with blockchain experts to design and implement scalable and efficient consensus mechanisms.

STARTUP CAMPUS   Remote
Junior Full Stack Developer   Sep - Dec 2022
- Implemented Figma UI designs using Next.js and Material UI, resulting in a 20% increase in user engagement.
- Executed effective SEO strategies, leading to the startup campus website ranking within the top 3 search results on Google.
- Integrated server-side rendering techniques, reducing website load times by 40% and improving overall user experience.
- Collaborated with designers and developers to ensure seamless implementation of UI/UX designs.

Projects

SOM AI   Remote
Full Stack Web Developer   Sep - Okt 2023
- A popular chatbot supported by AI (Artificial Intelligence) to help students with their thesis or college assignments.
- SOM AI offers chat completion, chat history storage, bibliography search functionality, and integrates a subscription feature with the Mayar payment gateway.
- More than 80.000+ users have used SOM AI.

- Developed using Open AI, Next JS, Nest JS and Docker technology.

BADR WEBSITE REVAMP Remote
Full Stack Web Developer Mar - Apr 2023
- Enhance the Badr Website with a modern UI design based on design from Figma.
- Achieving the top spot in Google SEO searches, resulting in significant business impact.
- Developed using WordPress and Elementor plugin.

Career Development

GOTO DEVCAMP 2023 Tokopedia Tower, Jakarta
Backend Learning Path 4 - 9 Dec 2023
- Mastered backend languages including Golang and GraphQL, proficiently building robust APIs for diverse applications.
- Conducted code reviews and implemented best practices to ensure code quality and maintainability in server-side development.

BANGKIT ACADEMY 2022 Remote
Mobile Development (Android) Learning Path Feb - Jul 2022
- Acquired fundamental skills in Kotlin programming language, laying the foundation for Android development.
- Learned the SOLID paradigm to write clean, maintainable, and scalable code in Android development.

Skills

Certifications:
- Belajar Membangun Arsitektur Microservices by Dicoding Indonesia
- Belajar Implementasi CI/CD by Dicoding Indonesia
- Menjadi Linux System Administrator by Dicoding Indonesia
- Belajar Dasar-Dasar DevOps by Dicoding Indonesia
- Belajar Jaringan Komputer untuk Pemula by Dicoding Indonesia
- Architecting on AWS by Dicoding Indonesia
- Belajar Fundamental Aplikasi Back-End by Dicoding Indonesia
- CloudPractitioner Essentials by Dicoding Indonesia
- Belajar Dasar Pemrograman Javascript by Dicoding Indonesia
- Belajar Membuat Aplikasi Back-End untuk Pemula by Dicoding Indonesia
- Belajar Pengembangan Aplikasi Android Intermediate by Dicoding Indonesia
- Belajar Dasar UX Design by Dicoding Indonesia
- Belajar Dasar Git dengan Github by Dicoding Indonesia
- Belajar Prinsip Pemrograman SOLID by Dicoding Indonesia
- Pengenalan ke Logika Pemrograman by Dicoding Indonesia
- Memulai Pemrograman Dengan Kotlin by Dicoding Indonesia

Technical: HTML, CSS, Javascript, Typescript, PHP, Laravel, React, Next JS, Tailwind, Material UI, Nest JS, Express JS, Docker, PostgreSQL, Mongo DB, Mysql, Redis.
Language: Bahasa, English.
Soft Skills: Leadership, Agile, Analytical Thinking, Problem solving, Communication, Collaboration, Adaptive, Digital and Technology fluency.