

Misbakhul Kharis

Mobile: +6285607872843 | Email: kharismisbakhul@gmail.com

<https://www.linkedin.com/in/kharismisbakhul/> | <https://kharis-portfolio.vercel.app/>

SUMMARY

Full Stack Developer with 6+ years of experience building scalable, high-performance web apps using React JS, Next JS, TypeScript, Node JS, Laravel, PostgreSQL, MongoDB, TailwindCSS. Proven track record delivering clean code and real-world solutions across enterprise systems, startups, and academic platforms. Passionate about modern UI/UX, backend optimization, and continuous learning. Open to remote or full-time opportunities.

EXPERIENCE

DIBILABS.ID

Jakarta, Indonesia (Remote)

Full Stack Developer

March 2025 – June 2025

- **Spearheaded** the development of a fully responsive company website using **Next.js** and **Tailwind CSS**, aligned with modern design trends and business goals.
- **Collaborated remotely** with cross-functional design and content teams to ensure seamless UI consistency and content integration.
- **Developed a dynamic blog system** integrated with a headless CMS, allowing non-technical users to manage content with ease.
- **Enhanced user experience** by implementing interactive UI components and optimizing cross-device compatibility.
- **Improved SEO performance** through structured metadata, semantic HTML, and sitemap generation to support content discoverability.
- **Delivered across 3+ product sprints**, ensuring on-time feature rollout and maintaining high code quality through reviews and testing.
- **Maintained accessibility and performance standards**, ensuring the website met modern web compliance and usability requirements.

Key Achievements:

- Successfully launched a modern company website within timeline and design expectations.
- Empowered content teams to manage blog posts independently without developer assistance.
- Contributed to an increase in user engagement through UX and performance improvements.

BELANJA MOBIL AUCTION

Full Stack Developer

Jakarta, Indonesia (Remote)

September 2024 – December 2024

- **Revamped** the auction platform's user experience by enhancing interactive UI elements and enabling **real-time bidding updates**.
- **Collaborated closely with the design team** to deliver a seamless and intuitive bidding interface optimized for user engagement.
- **Optimized the bidding engine architecture**, significantly increasing bid processing performance using **Redis caching** and **WebSocket enhancements**.
- **Integrated and maintained scalable backend services** with **Express.js** and **Laravel**, ensuring stability under heavy concurrent usage.
- **Streamlined API operations** by managing clean interactions across **MongoDB, Redis, and MySQL** environments.
- **Contributed to CI/CD pipelines** using **GitHub**, improving deployment cycles and version control processes.
- **Ensured platform reliability and scalability** by conducting rigorous testing and maintaining consistent system behavior in high-traffic conditions.

Key Achievements:

- Achieved a 10x performance improvement in bid processing through backend optimization.
- Enabled real-time, smooth user bidding experience, increasing platform responsiveness.
- Strengthened code quality and team collaboration through CI/CD and Git-based workflows.

PT. INFOMEDIA NUSANTARA

Full Stack Developer

Jakarta, Indonesia (Remote)

June 2022 – August 2024

- **Led the development and maintenance** of **MyD Product Apps Flow Management**, enabling workflow automation for key enterprise clients like **TREG Finvue** and **DBS**.
- **Delivered custom MyDx Product Apps** for clients such as **I2C: DES, DGS, Telkom Access, Telkom Infra, PST, and Mitratel**, tailored to specific business requirements.
- **Built scalable backend systems** using **CodeIgniter, REST APIs, and Docker**, supporting enterprise-grade deployments and consistent uptime.
- **Implemented complex logic and data flows** through **MVC architecture, AJAX, and JSON-based APIs** to ensure maintainable, well-structured services.
- **Integrated frontend interfaces** with **React.js** for dynamic interaction and admin control across multi-role systems.
- **Managed real-time features** with **WebSocket** and optimized data layers using **MySQL, Redis, and MongoDB**.
- **Supported DevOps collaboration**, contributing to streamlined release cycles and service deployments.

Key Achievements:

- Successfully automated core processes for national clients, improving operational efficiency and scalability.
- Deployed and supported multiple production systems across 6+ enterprise clients with unique requirements.
- Built reusable architecture components that reduced development time for future client implementations.

KHARIS DEV

Full Stack Developer

Lamongan, Indonesia (Remote)

November 2022 – April 2023

- **Developed a feature-rich wedding invitation app** using the **MERN stack**, with integrated **RSVP**, **countdown timer**, and **gallery** features to enhance user interaction.
- **Built a Computer-Based Test (CBT) platform** for a local school, enabling smooth digital exams and **real-time result processing**.
- **Crafted responsive UI components** using **React.js**, **Tailwind CSS**, and **TypeScript**, ensuring accessibility across various devices.
- **Designed scalable RESTful APIs** and backend workflows with **Express.js** and **Node.js**, optimizing performance and maintainability.
- **Structured backend databases** using **MongoDB**, supporting real-time data interactions and scalable queries.
- **Implemented GitHub-based workflows**, supporting version control, collaboration, and organized feature deployment.
- **Collaborated remotely** with stakeholders to ensure on-time delivery and alignment with user expectations.

Key Achievements:

- Delivered two production-ready applications used by real clients in less than 6 months.
- Achieved high user satisfaction on the wedding app with seamless interaction across devices.
- Enabled digital transformation for a school through an intuitive and reliable CBT system.

KUD MINATANI

Full Stack Developer

Lamongan, Indonesia (On-site)

September 2020 – May 2022

- **Led the development** of various internal systems including **finance**, **logistics**, **HR**, and **pharmacy applications** tailored to the cooperative's daily operations.
- **Built a complete HR platform** with features such as **employee data management**, **API-based attendance tracking**, and **automated payroll (THP)** processing.
- **Created web apps** for **inventory and warehouse tracking**, providing real-time visibility into

supply movement and availability.

- **Implemented a unit reporting system** to support leadership in evaluating cooperative performance metrics efficiently.
- **Streamlined cross-department workflows**, enhancing operational efficiency and inter-team data sharing.
- **Utilized a modern tech stack**—including **Laravel, CodeIgniter, React.js, Node.js, WebSocket**, and **PWA**—to ensure responsiveness, scalability, and offline support.
- **Maintained and deployed production-ready code** across multiple platforms while ensuring maintainability and documentation.

Key Achievements:

- Successfully digitized operations across 4+ departments, reducing manual processes and paperwork.
- Delivered a comprehensive HR/payroll system that improved data accuracy and time efficiency.
- Empowered decision-makers with real-time reporting tools for better organizational insight.

PSIK, FEB, BRAWIJAYA UNIVERSITY

Full Stack Developer

Malang, Indonesia (Hybrid)

June 2019 – April 2021

- **Designed and maintained academic systems** to streamline **student administration, performance tracking**, and faculty-related workflows across departments.
- **Developed essential tools** including the **Postgraduate Exam Stage System, Achievement Credit System**, and **Inclusive Index Calculator** for national performance reporting.
- **Built and deployed internal platforms** such as **Employee Attendance, Library Information System (FH UB)**, and the **IO UB Info System** for managing international office activities.
- **Integrated backend services and data pipelines** using **Laravel, CodeIgniter, and Node.js** to handle complex academic operations.
- **Implemented dynamic and responsive UIs** using **React.js** and tailored dashboards for various user roles (admin, staff, faculty).
- **Managed database architectures** with **MongoDB**, ensuring secure data access, integrity, and reporting across platforms.
- **Collaborated with university IT and academic staff** to ensure seamless system deployment, user onboarding, and cross-unit adoption.

Key Achievements:

- Deployed 5+ academic systems used across multiple university units, improving digital administration.
- Supported national education reporting through custom-built performance metric tools.
- Boosted operational efficiency for both academic and international office processes.

FACULTY OF COMPUTER SCIENCE, BRAWIJAYA UNIVERSITY

Practical Teaching Assistant

Malang, Indonesia (On-site)

February 2018 – May 2019

- **Assisted in delivering core programming courses** including **Advanced Programming, System Analysis & Design, and Web Programming.**
- **Prepared structured learning materials** such as lecture summaries, lab guides, and code walkthroughs to support student understanding.
- **Led practical lab sessions**, helping students apply theoretical concepts through **hands-on coding exercises** and project simulations.
- **Supported grading and evaluations** by reviewing assignments, debugging student code, and providing constructive feedback.
- **Explained complex technical concepts** in accessible terms, fostering student confidence and independent problem-solving.
- **Collaborated with faculty members** to align course materials with academic standards and learning outcomes.
- **Utilized a range of technologies** including **Java, JavaScript, MySQL, CodeIgniter**, and core **data structures & algorithms** in teaching contexts.

Key Achievements:

- Mentored over 100+ students through lab sessions with improved comprehension and course outcomes.
- Streamlined lab materials, making it easier for students to follow structured exercises and core concepts.
- Consistently received positive feedback from faculty for clarity, dedication, and student engagement.

EDUCATION

Informatics Engineering, University of Brawijaya

2016 - 2020

Bachelor Degree

Grade: 3.70 out of 4.0

SKILL

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- **Frontend Development** (React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, Bootstrap, HTML5, CSS3, jQuery, AJAX)
 - **Backend Development** (Node.js, Express.js, Laravel, PHP, Code Igniter, REST APIs, JSON, WebSocket, Cronjob)

- **Database Management** (MongoDB, MySQL, PostgreSQL, Redis)
- **DevOps & Tools** (Docker, GitHub, CI/CD, Version Control)
- **Software Engineering** (MVC Architecture, API Design, Performance Optimization, Scalable Systems, Progressive Web Applications)
- **Testing & Debugging** (Code Review, Debugging, Problem Solving)
- **Collaboration** (Cross-functional Teamwork, Remote Coordination, Stakeholder Communication)
- **Communication** (Technical Writing, Public Speaking, User-focused Explanations)
- **Problem Solving** (Debugging, Root Cause Analysis, Logical Thinking)
- **Project Management** (Sprint Planning, Task Prioritization, Deadline Management)
- **Mentorship & Support** (Lab Instruction, Peer Guidance, Knowledge Sharing)
- **Adaptability** (Fast Learner, Flexible With Tech Stacks, Responsive to Feedback)
- **Attention to Detail** (Code Quality, UI Consistency, Performance Tuning)