

Denny Dharmawan

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Professional Summary

Experienced software engineer specializing in web development across the JavaScript ecosystem, with hands-on expertise in front-end and back-end engineering. Strong background in digital banking and fintech, building secure, scalable, and user-focused solutions where reliability, performance, and user experience are critical. Driven by continuous growth, creative problem-solving, rapid learning, persistence, and effective collaboration across teams and stakeholders.

Experience

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| <p>Krom Bank
Senior Full-Stack Engineer</p> <ul style="list-style-type: none"> • Maintain and improve internal platforms used by business and operations teams, with focus on reliability, maintainability, and performance. • Drive engineering quality through technical documentation, reusable implementation patterns, and cross-functional delivery. • Own platform improvements across frontend, backend, service integrations, and observability. | <p>May 2026 - Present
Jakarta, Indonesia</p> |
| <p>Krom Bank
Full-Stack Engineer</p> <ul style="list-style-type: none"> • Built and maintained full-stack internal platforms using React, Next.js, Node.js, TypeScript, MySQL, Redis, and Mantine UI. • Reduced average API execution time by 37% through legacy module refactoring and targeted caching. • Designed access-management workflows covering RBAC, access review, audit trails, and operational approval flows. • Built a shared internal library for audit logging, feature-flag management, and common utilities, standardizing behavior across internal applications. • Improved production reliability through monitoring dashboards, distributed tracing, and CI/CD improvements. • Authored RFCs and technical documentation covering API practices, onboarding, and cross-team alignment. • Won an internal AI innovation event and introduced spec-driven development practices for structured AI-assisted engineering. | <p>January 2023 - May 2026
Jakarta, Indonesia</p> |
| <p>PT Bank BTPN Tbk (Jenius)
Back End Engineer</p> <ul style="list-style-type: none"> • Built and maintained Flexi Cash backend services using Node.js, Express.js, GraphQL, MongoDB, Redis, and Kafka. • Contributed to Flexi Cash growth from product launch to a 147% increase in user base over three years. • Developed APIs and service integrations for loan origination, funding disbursement, and partner distribution workflows. • Built retail partner integration flows to expand digital lending distribution channels. | <p>December 2019 - January 2022
Jakarta, Indonesia</p> |
| <p>PT Iverson Technology
Technical Consultant</p> <ul style="list-style-type: none"> • Customized Microsoft Dynamics AX ERP workflows for enterprise clients including JNE and Gramedia. • Translated business requirements into ERP customizations, integrations, and reporting solutions. • Built integrations across data warehouse, enterprise portal, and POS systems. • Diagnosed production issues, clarified business logic, and delivered technical solutions that matched client workflows. • Trained professionals from multiple companies in Dynamics AX customization and implementation practices. | <p>Dec 2017 - Dec 2019
Jakarta, Indonesia</p> |

BINUS University
Teaching Assistant, Software Laboratory Center

Feb 2011 - Jul 2013
Jakarta, Indonesia

- Taught programming and software development courses to undergraduate students across multiple classes.
- Delivered instruction in programming fundamentals, debugging, and software development concepts to hundreds of students.
- Ran lab sessions, conducted code reviews, and guided students through technical exercises and project implementation.
- Recognized as a top-performing instructor with technical and laboratory awards.

Skills

Core Stack

JavaScript, TypeScript, React, Next.js, Node.js, Express, GraphQL, REST APIs.

Data and Messaging

PostgreSQL, MySQL, MongoDB, Redis, Kafka.

Infrastructure and Delivery

Docker, Kubernetes, AWS, GCP, CI/CD, Datadog, performance optimization.

Engineering Practices

System design, API design, service integrations, access control, RFCs, technical documentation, mentoring.

Domain

Digital banking, fintech platforms, lending systems, internal operations, partner integrations.

Education

RWTH Aachen University

DAAD Scholarship Study Program, Information Technology

Oct 2014 - Nov 2015

Aachen, Germany

King Mongkut's University of Technology North Bangkok (KMUTNB)

DAAD Scholarship Study Program, Information Technology

Aug 2013 - Sep 2014

Bangkok, Thailand

BINUS University

Bachelor of Science, Computer Science

Mar 2011 - Jun 2013

Jakarta, Indonesia

Achievements

- Won an internal AI innovation event at Krom Bank.
- Awarded a DAAD scholarship for the KMUTNB and RWTH Aachen University international engineering program.
- Won a Samsung Android hackathon championship for mobile application development.
- Recognized as a top-performing teaching assistant at BINUS University and received technical and laboratory-related awards.

Courses

Advanced Figma Training Program

Languages

Indonesian (Native speaker), English (Professional working proficiency)