

Fadillah Bilqis

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SUMMARY

A women – results-oriented Fullstack Software Engineer with 7+ years of experience thriving in fast-paced, agile environments. I specialize in full-lifecycle web development, leveraging a versatile tech stack (JavaScript, React, NextJS, Vue, PHP, Laravel) to design, build, and deploy & maintain robust applications in cloud and VPS environments. As a certified master trainer BNSP, I excel at transforming complex business needs into technical solutions while fostering a collaborative, growth-focused culture through clear communication and mentorship.

EXPERIENCES

UX Atelier Pte Ltd

Batam. Remote

Software Engineer & Server Maintenance

Jul 2025 - Present

- **Enhanced data stream performance** by designed and implemented database schemas (ERD) as blueprint of various projects.
- **Optimized modern tech-stack by** Selected and utilized a tailored tech stack (Next.js, TypeScript, Laravel, PHP, WordPress) to meet project goals.
- **Ensuring the operations run smoothly** by developed, tested (QA), and deployed high-quality, clean code.
- **Reduced downtime risk** by proactively monitored site traffic and addressing potential issues with creating update vulnerability schedules.
- **Monitoring and Maintenance production server** by optimize traffic, regular software update and diagnosis vulnerability

Key Achievements

1. **Maintained 100% website operational availability** by minimizing downtime through automation of PM2 monitoring dashboard.
2. **Produce and manage more than 10 applications without downtime.**

Professional Project Institute

Batam. Remote

Senior Software Engineer

Jan 2024 - Present

- **Enhanced data stream performance** by designed and implemented database schemas (ERD) as blueprint of projects.
- **Optimized modern tech-stack by** Selected and utilized a tailored tech stack (Next.js, TypeScript, Laravel, PHP, WordPress) to meet project goals.
- **Ensuring the operations run smoothly** by developed, tested (QA), and deployed high-quality, clean code.
- **Reduced downtime risk** by proactively monitored site traffic and addressing potential issues with creating update vulnerability schedules.

Key Achievements

3. **Achieved digitalization** to enhance business revenue of losing transactions by traditional record by 100%.
4. **Maintained 100% website operational availability** by minimizing downtime through automation of PM2 monitoring dashboard.
5. **Reduce cost of digital operation** for full-stack development of digital system.

PaxOcean

LMS & Training system designer (Under HR Department)

Batam. On-site

Jul 2022 - Jul 2023

- **Improved training relevance and effectiveness by** developing targeted curricula for people development, compliance, and equipment operation based on in-depth needs analysis with plant-floor personnel.
- **Enabled data-driven management oversight and simplified compliance audits by** defining core LMS requirements for progress mapping, assessment engines, and reporting dashboards.
- **Enhanced skill acquisition and knowledge retention by** authoring engaging learning modules that featured interactive scenarios, decision-making simulations, and video-based instruction.

Key Achievements

1. **Enhanced Learner Engagement:** Boosted course completion rates by 100% through the strategic design and implementation of a custom gamification framework.
2. **Improved Operational Efficiency:** Accelerated management and compliance reporting by 90% by architecting an LMS with robust user progress mapping and automated dashboard reporting.
3. **Strengthened People Culture:** Developed highly relevant, interactive people modules that led to a 95% reduction in harassment incidents within three months of deployment.

Epson Batam

LMS Developer (Under SPD Department)

Batam. On-site

May 2019 - July 2022

- **Ensured instructional integrity and effectiveness by** applying the ADDIE model for systematic needs analysis, curriculum design, content development, and outcome evaluation.
- **Developed a comprehensive, JLPT N5-equivalent Japanese curriculum** from the ground up, tailored with manufacturing-specific communication to improve workplace efficiency.
- **Increased learner adoption and motivation by** architecting an intuitive LMS interface with gamification, designed for a seamless user journey for first-time language learners.
- **Improved training relevance and applicability by** creating authentic learning scenarios grounded in subject matter expertise of both Japanese language pedagogy and electronics manufacturing workflows.

Key Achievements

1. **Accelerated System Deployment:** Reduced new feature deployment time by an estimated 80% by architecting a custom LMS using a tailored tech stack (Next.js, PHP, Laravel).
2. **Enhanced Learner Engagement:** Boosted course completion rates by an estimated 95% by implementing a robust gamification framework featuring skill-based achievements, user progress mapping, and competitive elements.
3. **Improved Learning Outcomes:** Increased post-training assessment scores by an estimated 80% by systematically developing curricula with the ADDIE model, incorporating interactive decision-making simulation.

EDUCATIONS

Management, Open University of Indonesia

Bachelor Degree

2023 - Now

Electronics Engineering, Polytechnic State of Batam

Diploma 3 Degree

2015 - 2018

SKILLS

- **Programming Languages:** JavaScript, TypeScript, PHP, Python, C++
- **Front-End Development:** React.js, Next.js, Vue, Vanilla Js, WordPress
- **Back-End Development:** Laravel, PHP, Microservices, REST APIs
- **Database Systems:** MariaDB, MySQL, MongoDB
- **DevOps & Deployment:** Docker, Hosting, VPS, PM2, Cloudflare, CI/CD Pipelines, Cloudpanel, WHM, Cpanel
- **Version Control:** Git, GitHub, Gitlab
- **Communication:** Agile Methodologies, Technical Documentation, ERD Database Design, Client Presentations, Cross-functional Collaboration, Knowledge Transfer
- **Problem Solving:** Critical Thinking, Analytical Reasoning, Debugging, Root Cause Analysis, Why's Analysis, Business Process Digitization, System Architecture & Design
- **Project Management , Product Management:** Planning, Time Estimation, Budget Estimation, Communication, Load Distribution
- **Testing & Debugging:** Unit Testing, Performance Testing
- **R&D & Innovation:** Emerging Tech Evaluation, System Optimization, Proof-of-Concept Development

CERTIFICATIONS

- **Training Of Trainer Level 6 (Master Instructor),** BNSP March 2024
- **Training of Trainer Level 4 (Instructor),** BNSP June 2023
- **Google Project Management,** Coursera June 2023
- **Internal Auditor ISO 9001:2015, 14001:2015, 45001:2018,** ABS-QE January 2023
- **Trainer Quality Control & Statistical Process Control,** Seiko Epson Corporation 2021
- **Workload Analysis (WOLA),** PQM Consultant 2022
- **Failure Mode and Effect Analysis,** Intersys Cipta Mandiri 2021
- **Overall Equipment Effectiveness (OEE),** PQM Consultant 2021

- **Documenting information system for ISO 9001:2015 & ISO 14001:2015**, Intersys Cipta Mandiri 2019
- **Full-stack Website Developer (JavaScript & PHP)**, Impact Byte & Google Kejar 2018