

MUHAMMAD DANISH LUTHFI

FULL STACK DEVELOPER

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Full Stack Developer with a focus on delivering impactful results, eager to tackle dynamic challenges and apply creativity to build robust, scalable solutions. I have demonstrated proficiency in end-to-end development, technical problem-solving, and seamless collaboration across teams.

AREA OF EXPERTISE

PHP	NODE JS	JAVA
.NET	C#	ANDROID

KEY ACHIEVEMENTS

- Cost Optimization.** Developed an automated recruitment system with Redis integration and queue management, achieving **94.39% cost reduction** and **90% faster test implementation** for psychometric assessments.
- System Performance.** Built robust e-recruitment platform handling concurrent psychometric tests (IQ, Papikostick, Kraeplin) with race condition prevention, enabling HR to analyze significantly more candidates efficiently.
- Digital Transformation.** Led development of E-Training Center and Drive File Management systems, streamlining HR operations and accelerating departmental digitalization initiatives.

PROFESSIONAL EXPERIENCE

Full Stack Developer, PT Mekar Armada Jaya

Nov 2024 - Current

- Developed comprehensive E-Recruitment system using CodeIgniter 3 (PHP) with Redis integration and queue management for automated psychometric testing (IQ, Papikostick, Kraeplin), achieving 94.39% cost reduction and 90% faster test implementation.
- Implemented race condition prevention mechanisms and caching strategies, enabling HR to process and analyze significantly more candidates while maintaining system reliability under high concurrent usage.
- Built E-Training Center platform using CodeIgniter 4 (PHP) featuring training management, attendance tracking, pre/post-test assessments, skill matrix visualization, and automated certificate generation.
- Designed and deployed Drive File Management system (CodeIgniter 4) supporting multi-format file storage, streamlining document management and accelerating digital transformation for HR & GA departments.
- Collaborated with cross-functional teams to gather requirements, ensuring solutions aligned with business objectives and operational efficiency goals.

EDUCATION

Bachelor of Computer Science, Binus University

2025 - 2027 (Expected)

- Relevant coursework in Software Engineering, Database Systems, and Web Application Development.

Diploma III in Information Management, Politeknik Astra

Aug 2021 - Aug 2024

- Developed 8+ full-stack applications across web, desktop, and mobile platforms using C, C#, Java, PHP, and ASP.NET.
- Notable projects: Library Management System (PHP), Room Booking Platform (ASP.NET/PHP), Helmet Detector (Android), and Apartment Management System (C#).