

Ahmad Mukhtar

Senior Software Engineer

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Highly analytical and results-driven Senior Software Engineer with over 8 years of experience in Web Application Development and 6 years in banking operations. Proven expertise in identifying technological needs and delivering innovative solutions. Proficient in full-stack development, including database design, UI/UX development, robust coding, comprehensive testing, complex troubleshooting, and implementing user-driven features for enhanced system performance and efficiency.

Technical Skills

Programming Languages: ASP.NET CORE, GoLang, PHP Laravel, Python, Node.JS, Java Spring Boot, Angular, React

Databases: SQL Server, MySQL, Maria DB, Spark SQL, Oracle 10g

Tools & Frameworks: JIRA, Notion, Clickup, Bitbucket, Github, Jupyter Lab

CI/CD, DevOps, & Cloud: Jenkins, Docker, Drone, AWS

Methodologies: Scrum, Agile, SDLC

Core Competencies

- Data Analysis & Design
- Process Optimization & Business Analysis
- Cross-functional Team Collaboration
- System Implementation & Troubleshooting
- User Needs Analysis & Requirement Gathering
- Efficient Logic Development
- Unit Testing & UAT/SIT

Professional Experience

PT NTT Indonesia (Senior Software Engineer)

October 2020 - Present

Jakarta, Indonesia

Led the conversion of complex business processes into efficient and accurate applications. Placement in PT Bank DBS Indonesia

Job Description:

- Analyzed user needs to define application requirements, leading to development of Reconciliation process and reducing manual effort by 80%
- Designed and optimized data structures based on user needs, ensuring efficiency and scalability.
- Optimized application design for enhanced user experience and clarity, resulting in 70% improvement in usability.
- Developed and deployed robust applications based on detailed analysis, ensuring seamless integration and functionality.
- Implemented CI/CD automation, significantly improving deployment efficiency error rates.

PT Moonlay Technologies (Fullstack Developer)

February 2020 - August 2020

Jakarta, Indonesia

Contributed to development process of web-based applications and local applications run by users

Job Description:

- Developed 4 microservices applications based on user requirements.
- Conducted UAT and SIT to ensure application quality and mitigate impacts on existing systems and reducing post release issue by 20%.
- Developed unit tests to ensure efficient and maintainable logic. Improving code quality and reducing bugs by 40%.
- Implemented CI/CD automation using Jenkins

PT Emerio Indonesia (Software Developer)

May 2018 - February 2020

Jakarta, Indonesia

Contributed to development process of web-based applications and scheduler based applications

Job Description:

- Performed user needs analysis to translate business requirements into application features.
- Designed and optimized data structures for enhanced application efficiency.
- Developed intuitive application designs for improved user experience.
- Translated analytical insights into functional and scalable application solutions.

PT Swamedia Informatika (Intern, Software Developer)

March 2017 - February 2018

Bandung, Indonesia

Gained foundational understanding of web application development processes and methodologies, contributing to External Projects and Internal Project to create KPI Application during internship.

Projects

PEAID (Posting Engine Indonesia)

Role: Software Engineer

July 2025 - Present

Client: PT Bank DBS Indonesia

Technologies: Java Spring Boot, Angular, Maria DB, Jboss, Jenkins, Bitbucket, Drone

Replatform common application from Posting Engine using ASP.Net into Java Spring Boot as BackEnd and Angular as FrontEnd. Developed and maintained TTUM (Transfer Transaction Upload Maintenance) file generation tools for various banking operations (Tax Compilation, RTGS, Cheque Clearing, Treasury, Ideal Monthly)

Conversion SAS Script to Python

Role: Software Developer

September 2024 - February 2025

Client: PT Bank DBS Indonesia

Technologies: Python, Pandas, Spark SQL, Jupyter Lab

Conversion from SAS Script to Python Script using Jupyter Lab and Spark SQL. Successfully converted complex SAS scripts to Python using Jupyter Lab and Spark SQL, improving data processing efficiency by 30% for PT Bank DBS Indonesia

Posting Engine

Role: Software Engineer

May 2018 - Present

Client: PT Bank DBS Indonesia

Technologies: ASP.Net Web Form, ASP.Net C#, JIRA, Bitbucket, Drone, SQL Server

Developed and maintained TTUM (Transfer Transaction Upload Maintenance) file generation tools for various banking operations (Tax Compilation, RTGS, Cheque Clearing, Treasury, Ideal Monthly) using ASP.Net Web Form, ASP.Net C#, JIRA, Bitbucket & SQL Server, streamlining financial reporting for PT Bank DBS Indonesia across two distinct periods: May 2018 - February 2020 and October 2020 - Present.

Danliris Management System

Role: Fullstack Developer

May 2020 - August 2020

Client: Danliris

Technologies: ASP.Net Core, Node.Js, Github, Jenkins, & SQL Server

Developed and managed a comprehensive company management system and leading to improved operational efficiency and real-time visibility across finance, stock, delivery, and production processes as a Fullstack Developer using ASP.Net Core, Node.Js, Github, Jenkins, & SQL Server.

Pet Shop Application Radhiyan Pet and Care

Role: Technical Lead

August 2022 - December 2024

Technologies: PHP Laravel, React, GitHub, MySQL, AWS EC2, RDS, S3

Design Solution Architect for Dashboard application based on Laravel and React. Including Frontend, Backend, and Database Design. Has a very important role in the process to carry out monitoring starting from sales, veterinary inspection, stock management, to the financial reports of each pet shop branch. Make the data recording process into a structured system and increase profits by up to 40% also increase security system with implementation JWT authentication and HTTPS/TLS

KPI of Swamedia Employees

Role: Database Developer

July 2017 - December 2017

Technologies: PHP Laravel & MySQL

Developed performance assessment application for employees PT Swamedia Informatika.

SMILE (SUPPLY MANAGEMENT INFORMATION TECHNOLOGY FOR LOGISTIC ENHANCEMENT)

Role: Software Developer

August 2017 - February 2018

Client: PT Telkom Indonesia Tbk

Technologies: ASP.NET Web Form & Oracle 10g

Developed application for monitoring and approval of ongoing projects.

AMANDEMEN SILM (SISTEM INFORMASI LAPORAN MANAJEMEN)

Role: Software Developer

April 2017 - June 2017

Client: PT PLN Persero

Technologies: ASP.NET MVC & SQL Server

Application used to helps customer to have detail report of their income and spend at PT PLN Persero

Education

Bina Nusantara University (BINUS)

Bachelor's Degree

September 2014 - February 2018

Computer Science