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Software Engineer

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Professional Summary

Dynamic software developer with 4 years of programming experience and 1 year of production machine operation expertise. Proficient in full-stack web development, cloud technologies, and data analysis. Demonstrated excellence through comprehensive certifications from AWS, Dicoding Indonesia, and freeCodeCamp. Recognized as Best Member of Alkademi Bootcamp 2023. Multilingual professional fluent in English, Indonesian, Chinese, and Japanese, with a strong foundation in both technical development and operational efficiency.

Technical Skills

Frontend Development

React HTML/CSS

JavaScript

Responsive Design

Tailwind CSS

Backend Development

Node.js Laravel PHP

RESTful APIs

Database Design

Cloud & Data Science

AWS Cloud Data Analysis

Python Statistical Analysis

Machine Learning

Tools & Operations

Git Industrial Machinery

Quality Control

Remote Collaboration

Agile Development

Professional Experience

Machine Operator

PT. Indonesia Libolon Fiber System

Operating and maintaining industrial fiber production machinery with focus on quality control and operational efficiency. Monitoring production processes, troubleshooting equipment issues, and ensuring adherence to safety protocols. Applying technical knowledge to optimize machine performance and minimize downtime while maintaining high-quality output standards.

September 2024 - Present

Machine Operation Quality Control Production Management Safety Protocols

Web Developer

Favorite Flower (Freelance Remote)

August 2023 - September 2023

Developed responsive web applications for floral business client, creating user-friendly interfaces and implementing e-commerce functionality. Collaborated remotely to deliver custom solutions that enhanced online presence and customer engagement. Utilized modern web technologies to build scalable and maintainable code architecture.

- Web Development
- E-commerce
- Remote Collaboration
- Client Management

Full Stack Developer (Internship)

Alkademi

Completed intensive full-stack development internship, working on both frontend and backend technologies. *June 2023 - August 2023*
Developed comprehensive web applications using modern frameworks and databases. Participated in agile development processes and collaborative project management. Recognized as Best Member of Alkademi Bootcamp 2023 for outstanding performance and dedication.

- Full Stack Development
- Frontend & Backend
- Agile Development
- Team Collaboration

Featured Projects

E-commerce Platform

Full-Stack Web Application

A comprehensive e-commerce solution featuring user authentication, payment processing, and admin dashboard. *January 2024*
Implemented secure payment integration with Stripe and built a responsive user interface with React.

- React
- Node.js
- PostgreSQL
- Stripe

Task Management App

Collaborative Web Application

A collaborative task management application with real-time updates and team collaboration features. Utilized Firebase *December 2023*
for real-time data synchronization and implemented Material-UI for modern design.

- React
- Firebase
- Material-UI

Weather Dashboard

Data Visualization Application

A beautiful weather dashboard with location-based forecasts and interactive charts. Integrated OpenWeather API for *November 2023*
real-time weather data and created dynamic visualizations using Chart.js.

- Vue.js
- Chart.js
- OpenWeather API

Education

Bachelor's Degree in Data Science

Universitas Terbuka

Currently pursuing Bachelor's degree in Data Science with focus on statistical analysis, *August 2025 - Expected Graduation 2029*
machine learning, and data visualization. Gaining expertise in data processing, algorithm development, and analytical thinking to support data-driven decision making.

Certifications & Training

AWS Cloud Practitioner Essentials

AWS & Dicoding Indonesia

Comprehensive cloud computing certification covering AWS services, architecture, and best practices.
Credential ID: 81P28RW8JPOY

March 2023 - March 2026

Responsive Web Design

[freeCodeCamp](#)

Completed comprehensive web design course covering HTML, CSS, responsive design principles, and modern web development practices.

May 2022

Creating Web Application with React

[Dicoding Indonesia](#)

Advanced React development course covering component architecture, state management, and modern React patterns.

September 2022

Frontend & Backend Web Development

[Dicoding Indonesia](#)

Comprehensive full-stack development training covering both frontend (August 2022) and backend (March 2023) technologies and best practices.

August 2022 - March 2023

Dojo Certificate PESILAT 2023 & Best Member Award

[Alkademi](#)

Completed intensive bootcamp training and recognized as Best Member of Alkademi Bootcamp 2023 for exceptional performance and dedication.

September 2023

Notable Projects

Spectrophotometer App for DYEING

[Specialized Industrial Application](#)

Developed custom application for textile dyeing process optimization using spectrophotometer data analysis.

Weather App & Kyora Bot Discord

[Web Application & Discord Bot](#)

Created responsive weather application and Discord bot for community management and automated services.

E-Commerce API & Laravel Blog App

[Backend Development & Full-Stack Application](#)

Built comprehensive e-commerce API and blog application using Laravel framework with full CRUD functionality.

Ngewibu Project & Bookshelf-API

[Web Application & RESTful API](#)

Developed anime-focused web application and bookshelf management API with modern web technologies.

Key Achievements

- 🏆 Best Member of Alkademi Bootcamp 2023 - Outstanding performance and dedication
- ☁️ AWS Cloud Practitioner certified with 3-year validity (2023-2026)
- 🚀 4 years of programming experience across multiple technologies and frameworks
- 🏭 1 year of industrial machine operation experience with quality control focus
- 📖 Multiple professional certifications from recognized platforms (AWS, Dicoding, freeCodeCamp)
- 🌐 Developed diverse portfolio of applications including industrial, e-commerce, and entertainment projects
- 🗣️ Multilingual proficiency: English, Indonesian, Chinese, Japanese
- 📁 Successfully completed freelance projects with remote collaboration

Languages

Spoken Languages

Indonesian (Native)

English (Fluent)

Chinese (Conversational)

Japanese (Conversational)