

# JOHAR BAYU KURNIAWAN

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## SUMMARY

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A highly motivated and results-oriented recent graduate with a passion for building high-quality software solutions. Skilled in modern programming language like Golang and Python. Proven experience in agile methodologies, from requirements analysis and design to implementation and deployment. Beyond technical expertise, I've honed strong communication and problem-solving skills. My commitment to continuous learning ensures proactive adaptation to emerging technologies.

## PROFESSIONAL EXPERIENCE

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### PT TOKOPEDIA

#### Software Engineer Backend Intern

Jakarta, Indonesia  
August 2022 – January 2023

- Improved internal tools for operation team by reducing request latency of database from ~100 seconds to only 0.1 second.
- Prevent services down by successfully increasing a feature requests per second capability from 200 to 7500 RPS using function call suppression and caching.
- Implement distributed lock algorithm in CRON service to make data appear consistent when there is deployment.
- Improve bug and problem follow-up speed by 90% by making ticket dashboard tracker.

### KODIG.ID

#### Software Engineer Website

Surabaya, Indonesia  
March 2023 – December 2023

- Led a team of developers in building high-impact projects for diverse clients, utilizing Laravel for fast and reliable solutions.
- Architected and implemented custom features tailored to client needs, resulting in increased satisfaction and repeat business.
- Managed end-to-end project lifecycles, from client consultations to final delivery, exceeding expectations and ensuring quality.

### SOFTWARE ENGINEERING LABORATORY

#### Laboratory Research Assistant

Jember, Indonesia  
February 2023 – August 2023

- Assisted faculty with research projects and laboratory setup for specific courses.
- Graded assignments and quizzes related to laboratory exercises.
- Monitored student progress and offered feedback on project development.

### PROGRAMMING LABORATORY

#### Laboratory Assistant

Jember, Indonesia  
September 2021 – February 2023

- Assist lecturer in programming subject like python, java, html, etc. in practice class
- Organize events by inviting an experienced presenter to teach subject matching the event's theme
- Create a joint project with other assistant with the aim of promoting programming laboratory

## SKILLS

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### Technical Skills

- Programming Languages: Python, Go, JavaScript, Java, C#, PHP
- Frameworks & Databases: Laravel, Flask, PostgreSQL, MySQL, Redis
- Version Control: Git
- Other: gRPC, OOP, SQL, NoSQL, Design Patterns, Unit Testing, GraphQL, Code Review, Jenkins, DataDog, Grafana, Distributed Systems

### Soft Skills

- Communication
- Teamwork

- Problem-solving
- Time management
- Adaptability

## EDUCATION

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### JEMBER UNIVERSITY

Jember, Indonesia

*Bachelor of Computer Science in Information System;*

2020 – 2024

- Awarded Cum laude distinction for achieving a GPA of 3.93.

### HACKTIV8 INDONESIA - BOOTCAMP

Jakarta, Indonesia

*Python for Data Science*

February 2023 – June 2023

- Exploratory Data Analysis on numerous type of dataset to find useful information.
- Build Classification, Clustering, and Regression Machine Learning Model.
- Deploy and Test ML models using Flask framework to cloud with beautiful UI.

## LANGUAGES

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Professional working proficiency in English, fluent in Bahasa Indonesia.