

# Kelvin Nathanael Witarsa

## Aspiring Software Engineer

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## Summary

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A motivated 5th-semester Software Engineering student with practical experience in data analysis and business development. Passionate about Web Programming and Mobile Programming, seeking an internship to apply and grow technical skills in a professional environment.

## Experience

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### Data Analyst Intern

*PT. Lion Mentari Airlines*

*May 2023 — Sep 2023*

Extracted and processed raw data from the central database to generate validated datasets. Investigated and resolved data discrepancies to ensure data accuracy. Collaborated with team members and provided guidance on data handling processes.

### Business Development Representative

*Vision*

*Jun 2023 — Oct 2023*

Developed strong interpersonal and communication skills in a dynamic sales environment. Learned to effectively balance multiple priorities and manage a demanding schedule.

### Private Tutor

*Carehouse*

*Sep 2024 — Nov 2024*

Provided tutoring to students in a group setting, designing learning materials to improve student comprehension. Managed a flexible work schedule alongside academic commitments.

### Radio Operator Staff

*BVoice Radio, Binus University*

*Dec 2024 — Current*

Managed the technical operation of radio broadcasting, including audio mixing and sound engineering. Ensured smooth on-air production for various radio programs.

### General Affairs Manager

*BVoice Radio, Binus University*

*Dec 2025 — Current*

Led the development and enforcement of Standard Operational Procedures (SOPs) for inventory audit and equipment maintenance, focusing on asset reliability and seamless broadcasting. Conducted regular quality control checks and analyzed Position Problems to mitigate equipment failure risks, ensuring smooth streaming content production. Managed the administration for equipment procurement requests (Planned Items List) and coordinated institutional permissions (SCAC) with the university and Treasurer.

## Education

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Bachelor of Computer Science, Software Engineering, Indonesia, 2023 — 2027

Binus University

GPA: 3.23

**Skills**

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- Python
- PHP
- JavaScript
- Java
- C
- C#
- Laravel
- React.js
- MySQL
- SQLite
- HTML
- CSS
- Git
- GitHub
- Problem-Solving

**Languages**

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- English
- Indonesian

**Hobbies and interests**

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- Web Programming
- Mobile Programming

**Projects**

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- **Smart To-Do List (Mobile App with AI Integration)**  
Developed an intelligent productivity application using Java and Android Studio that integrates Google Gemini AI to automatically convert chat messages into structured tasks. Utilizing SQLite for efficient local data storage. Implemented a proprietary dynamic scoring algorithm to prioritize user workload based on real-time urgency and deadlines.
- **B-Clean (Waste Management Web Application)**  
Engineered a full-stack waste management ecosystem connecting residents and companies using Laravel (Backend) and React.js (Frontend). Designed a seamless recycling transaction system with MySQL database to facilitate efficient waste tracking and management.
- **Joymarket (E-Grocery Desktop Application)**  
Built a comprehensive digital marketplace for fresh groceries using Java and JavaFX, implementing strict MVC Architecture. Applied advanced Object-Oriented Programming (OOP) principles to manage complex inventory data and transaction logic.

**Certifications and Licenses**

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**English Speaking Program (B2 Level)**

Successfully completed the English Speaking Program at Boardicle.  
Level Achieved: B2 (Upper Intermediate) Final Score: 90/100  
Demonstrated strong fluency, grammatical awareness, and confidence in expressing ideas in various contexts.