

# Ferry Febrian

I am a highly motivated **Fresh Graduate** (Awaiting Graduation) pursuing a bachelor's degree, majoring Computer Science at Bina Nusantara University. Currently, I am working as a Software Engineer Intern at Kawan Lama Group, where I was honored as the **Best Intern** Kawan Lama 2025 for my contributions to real-world software development projects and collaborate with cross functional teams. Previously, I have gained experience in software development, management, and analysis at IT Division Bina Nusantara as Part Time System Analyst. This hands on experience has honed my abilities in teamwork, time management, and problem solving

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## EDUCATION BACKGROUND

**Universitas Bina Nusantara**  
Bachelor of Computer Science  
GPA 3.72 / 4.00

Jakarta, DKI Jakarta  
Aug 2022 - Feb 2026 (Expected)

Relevant courses : Agile Software Development, Software Engineering, Pattern Software Design, Object Oriented Programming, Web Programming, Framework Layer Architecture

Able to maintain high GPAs at both of my studies with part time and participation in organization

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## PROFESSIONAL EXPERIENCES

**Bina Nusantara IT Division**  
Part time System Analyst

Jakarta, DKI Jakarta  
Feb 2023 - Mar 2024

- Managed 4 applications in the SSG8 Cluster4 (CGE) at BINUS: Outbound, Inbound, IE, and ICDC
- Identified and structured system requirements through testing, and collaborated with developers and clients to ensure high quality feature of application
- Software Testing and Quality Assurance (QA) for university scale applications, ensuring system reliability

**Kawan Lama Group**  
Software Engineer Intern (**Best Intern 2025**)

Jakarta, DKI Jakarta  
Feb 2025 - Feb 2026 (Expected)

- Contributed to **Kawan Lama Academy** (30,000+ users) by building scalable frontend architecture using **Nuxt**, TypeScript, and TanStack.
- Improved development efficiency by 30% through modular architecture and structured folder design.
- Reduced redundant API calls and improved performance by 20–25% through optimized data fetching.
- Owned end-to-end development (95–100% ownership) of AI-powered **E-Recruitment** system (dev environment), covering frontend, backend, and database design using **ASP NET MVC**
- Integrated CV OCR using Google conversational agent API, reducing manual candidate data input by 60–70%.
- Built AI Chatbot (UI & integration), reducing repetitive recruiter inquiries by 40% and improving candidate engagement.
- Designed scalable fullstack architecture, improving system responsiveness and reducing processing latency by 25%.
- Developed **NHCS** (internal HR system) using **Remix v2**, TypeScript, and TanStack.
- Reduced code duplication and improved development efficiency by 35% through reusable architecture patterns.

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## ORGANIZATIONAL & VOLUNTEER EXPERIENCES

**Bina Nusantara**  
Freshmen Leader

Jakarta, DKI Jakarta  
Jul 2023 - Sep 2023

- Provided guidance to freshmen, collaborating with leaders for successful program execution.

Data Science Club - Activist of Economic Funding

May 2023 - Apr 2023

- Managed fundraising activities, maintaining effective communication with group members and organizing sales

Teaching Assistant

Nov 2023 - Nov 2023

- Offered personalized coaching during the "Data Science Club goes to school" event

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## BEST PROJECTS

## POSnova (AI-Powered Point of Sales System) – Group Project

Bina Nusantara University

Thesis Final Project

Jun 2025 - Jan 2026

- Built fullstack POS system using **Next.js**, **tRPC**, **Tailwind**, and **Supabase**.
- Implemented recommendation system using **Apriori** and **Content-Based Filtering** (Scikit-Learn).
- Designed hybrid architecture combining **Next.js** frontend with **Python (Flask)** for ML processing.

## OnePercent – Individual Project

Jan 2024 - Feb 2024

- Developed goal tracking app using **MERN stack (MongoDB, Express, React, Node.js)**.

## CariTukang – Group Project

Universitas Multimedia Nusantara

Hackathon - Garuda Hacks 5.0

Jul 2024 - Jul 2024

- Built service marketplace platform using **Laravel**, **MySQL**, and **Tailwind**.

## MyKhodam – Individual Project

Jan 2024 - Feb 2024

- Developed entertainment web app using **MERN stack** with dynamic content rendering.

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## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, C#, Python, SQL, C++

**Frameworks & Libraries:** React, Next.js, Nuxt.js, Remix, Express.js, ASP.NET, Flask

**Databases:** SQL Server, MongoDB, MySQL, Supabase

**Tools:** Git, CI/CD, Docker (basic), AWS/Azure (basic)

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