

DARRYL CHRISTOPHER EFFENDI

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EDUCATION

BINUS University

Undergraduate Computer Science *GPA: 3.94*

Alam Sutera, Tangerang

Sep 2022 - Feb 2026

WORK EXPERIENCE

Blibli.com

Software Engineer Intern

Gambir, Jakarta

Feb 2025 - Feb 2026

- Built and operated high-scale microservices (Spring Boot, Kafka, Redis, MongoDB, PostgreSQL) powering loyalty point issuance, redemption, expiry, and approvals.
- Resolved production CPU overload by optimizing Kafka consumer processing with backoff, eliminating CPU overload during monthly peak runs.
- Designed a multi-layer approval system for manual point injection, preventing invalid or fraudulent credits and saving tens of millions of rupiahs in potential losses.
- Built cross-partner product catalogue and point-based pricing features driving measurable increases in inter-partner transactions.
- Delivered financial-grade, data-consistent point transactions used by millions of users across Blibli, Tiket.com, and Ranch Market.

BINUS University

Laboratory Assistant

Alam Sutera, Tangerang

Feb 2023 - Feb 2025

- Taught 150–200 students per semester across 5–7 practicum classes (700+ total students taught).
- Created practicum exam cases, assisted during exam execution, and evaluated submissions.
- Developed cross-platform projects across web, mobile, desktop, and game development using modern frameworks (React, Next.js, Kotlin, Electron).

Juragan Tekstil

Full-Stack Developer Intern

Cengkareng, Jakarta

Apr 2024 - Jan 2025

- Built, deployed, and maintained a full e-commerce platform (customer storefront + internal admin dashboard).
- Automated inventory and order management, reducing manual operational workload for the sales team.

PROJECTS

Zapyleads

Built an AI-driven sales funnel (Meta Ads → CRM → WhatsApp → AI Agent) that automatically qualifies and follows up leads. Acquired 4 B2B clients using Meta ads and the automation system itself.

<https://zapyleads.com>

Portfolio

Compilation of real-world projects

<https://darryleffendi.com/projects/professional>

SKILLS

Backend / Infra: Spring Boot, NodeJS, Kafka, Redis, MongoDB, PostgreSQL
Frontend: React, NextJS, Vue, AstroJS, Tailwind
Programming Languages: Java, TypeScript, Go, Kotlin, Python, Dart, C#, C++

AWARDS

Best Research Interest Group (RIG) 2025

Created an AI-based anti-cheating system using computer vision and desktop automation.

BINUS University

Jan 2025

Scholarship Mentor

Taught and provided mentorship to undergraduate students; awarded a one-semester scholarship.

BINUS University

Aug 2023

Codefest Internet Computer Hackathon Participation

Built a decentralized charity platform enabling crypto donations.

Codefest Internet Computer

Apr 2024

Garuda Hacks 5.0 Hackathon Participation

Built an AI-powered job seeking platform using Large Language Models.

Garuda Hacks

May 2024