

Andrew Devito Aryo

Tangerang, Banten, Indonesia

andrewdevitoaryo@gmail.com | linkedin.com/in/andrewaryo | andrewaryo.com

About Me

Full-stack engineer and CS student with **3+** years of experience, building things people actually use, from mobile apps and websites to cloud infrastructure.

Key Strengths

- Full Stack Development (React, Go, Swift)
- CI/CD & DevOps (GitHub Actions, Docker, Kubernetes)

Work Experiences

Social Circle Co. (Socles)

October 2025 - Present

Software Engineer Part-Time

- Developed the Socles mobile application using React Native Expo
- Designed and ran K6 stress tests to surface dead and unoptimized endpoints, cutting user-facing endpoint latency by **5s**

Economic Space

August 2024 - June 2025

Lead Web Developer Associate

- Led development for Economic Space, a university student hub, utilizing Laravel as the primary tech stack and building an admin dashboard with Filament
- Supported platform growth toward becoming a profitable enterprise by expanding educational support for college students, with **40+** students purchasing courses

Education

Apple Developer Academy - BSD, Tangerang

March 2026 - Present

Apple Developer

Universitas Indonesia - Depok, West Java

July 2023 - Present

Bachelor of Computer Science

- Computer Science major (Average GPA of 3.87 / 4.00)
- Teaching assistant for Platform-Based Programming, Database, and Advanced Programming

Organizations and Committees

RISTEK FASILKOM UI 2025

January 2025 - January 2026

Lead of Product Engineering

- Maintained and developed **30+** repositories, infrastructures, and product environments within RISTEK
- Oversaw monitoring, logging, and alerting systems for RISTEK services using Grafana to ensure reliability and performance
- Developed QR Feature of ristek.link, which is currently used by **1,000+** daily users

COMPFEST 17

January 2025 - January 2026

PIC of Software Engineering

- Contributed to website growth, reaching **10,000+** users and **500+** weekly visitors during high season
- Managed and maintained core software infrastructure across **20+** repositories
- Refactored legacy certificate service, while also maintaining accessibility of **12,000+** old certificates

BETIS Fasilkom UI 2024

October 2024 - June 2025

Manager of IT Development

- Led the Website Development and UI/UX Division, overseeing project execution and quality for a team of **20+** staff
- Successfully managed online tryouts for **200+** concurrent users, ensuring system stability and seamless performance

Projects

ShotCut: Smart Visual Reference Extractor

April 2026 - May 2026

- Built an iOS app helping cinematographers quickly find visual references by automatically detecting unique shots and grouping similar frames from footage using Apple's Vision framework
- Implemented a DBSCAN clustering pipeline with silhouette-score-based hyperparameter tuning to organize extracted frames into coherent shot groups

Fiscal Career Week 2025 Website

September 2025 - December 2025

- Developed the job fair website and admin dashboard, successfully managing over **500+** user registrations and ensuring platform stability throughout the event
- Integrated Zoho Mail API for automated user registration email blast

Rizzserve: Restaurant Ordering Application

March 2025 - June 2025

- Built the microservice with Spring Boot as part of a **5-service** microservice-based restaurant ordering platform
- Deployed services to Kubernetes and achieved **100 requests/s** at **~40ms** average response time, validated through Postman profiling
- Integrated services with Grafana for real-time performance monitoring

Achievements

- Ranked 1st in the Web Application Competition at TECHCOMFEST 2025 held by Politeknik Negeri Semarang
- Ranked 2nd in the Hackathon Competition at FIND IT 2025 held by Universitas Gadjah Mada

Skills

Technical Skills	Next.js, React Router, Nest.js, Django, Laravel, Spring Boot, Golang, Rust, Swift, Flutter, React Native, PostgreSQL, Prisma, AWS, GCP, Docker, Kubernetes, Grafana, Git, K6
Soft Skills	Project & Product Management, Critical thinking, Team Management, and Communication
Bahasa Indonesia	Native
English	Professional working proficiency