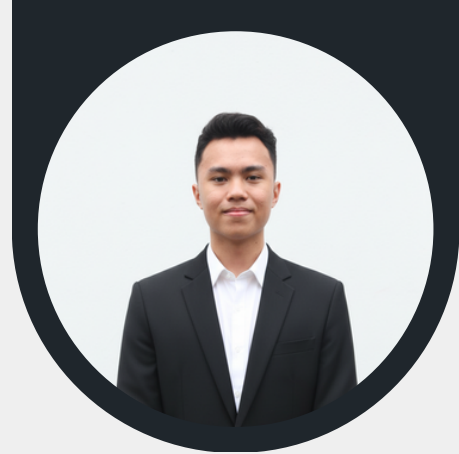# DARREN MARCELLO S.

Software Engineer | AI Enthusiast

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 https://github.com/DarrenM07   **Portofolio** : ristek.link/Darren's-Portofolio

ABOUT ME

Computer Science undergraduate who enjoys turning ideas into simple, reliable products. I value clean code, practical problem-solving, and learning quickly–whether on the web, with data, or improving developer experience. I like working in teams, writing clear docs, and focusing on users and accessibility. Curious, adaptable, and motivated to build useful things and keep growing.

EDUCATION

Universitas Indonesia | 2023-2026

- Relevant Coursework: Data Structures & Algorithms, Databases, Operating Systems, HCI, Numerical Analysis

Queensland University | 2026-2027

TECHNICAL AND CORE SKILLS

- Languages: Python, TypeScript/JavaScript, SQL, Java
- Web/Backend: Django/DRF, FastAPI, Node.js
- Frontend: React, Next.js, Tailwind CSS
- Databases: PostgreSQL, SQLite
- DevOps: Git/GitHub, Docker, CI/CD (GitHub Actions), Railway
- Testing & Quality: PyTest, Jest, React Testing Library, Istanbul/SonarQube
- Other: REST APIs, JWT Auth, Feature Flags, Logging/Telemetry
- Communication, teamwork, problem solving, time management, leadership/mentoring, customer service, recruitment, stakeholder management.

ORGANIZATIONS & VOLUNTEERING

- ***Google Developer Student Clubs (GDSC) - Member | Oct 2023 - Jan 2024***
  - Joined study jams and tech sessions
- ***Interweek - Ticket Seller | Dec 2023***
  - Handled ticket transactions, kept accurate sales records, promoted the event to increase attendance.
- ***BEM Fasilkom UI - SocieAct Mentor | Sep 2024***
  - Introduced children to technology and digital innovation through simple materials and demos; strengthened communication and teamwork.
- ***Pesta Rakyat Komputer - Human Resources Recruiter | Feb 2025 - October 2025***
  - Screened volunteer candidates, scheduled interviews, and maintained recruitment pipeline documentation.
- ***COMPFEST - Human Resources Recruiter | Mar 2025 - Present***
  - Defined criteria and recruitment flow, coordinated with cross-divisions, and supported volunteer onboarding.

WORK EXPERIENCE

- **Ree Cookies (Bandung) 2024-2025**
  - Role : Customer Service and Finance Coordinator (Connecting customers and managing finances and cash flow.}

ACHIEVEMENTS & CERTIFICATIONS

- **SOCIEACT BEM FASILKOM** - Volunteer Certificate, BEM Fasilkom UI (Issued Sep 2024)
- **TOEFL ITP** - Issued Jul 2023, Exp. Jul 2025
- **HOLOGY UB** - Participant Certificate (Credential ID: 106/STF.E/HOLOGY7.0/XI/2024)
- **Pekan RISTEK** - 3rd place Mini Hackathon Competition (Credential : R2025-5786-9696)

PUBLICATIONS

- **180-Day Mortality Prediction for Critically Ill Patients** - Co-author (Fasilkom UI), 2025. Contributions: ML modeling (e.g., XGBoost with hyper-parameter tuning), evaluation (Accuracy/ROC-AUC), feature importance analysis.

LANGUAGES

- Indonesian
- English

PROJECTS

UrbanEat - Food and NYC Restaurant Discovery | React, Vite, Tailwind | 2024

- *A mock app that lets users browse restaurants in NYC, view menus, and many other.Emphasizes reusable UI and clean state management.*

PapiKos - **Rental and Boarding Finder | Next.js, Node, PostgreSQL, Tailwind | 2024-2025**

- Helps users find boarding houses with filtered search, pagination, and authentication. Owners can submit and manage listings with image uploads.

MIST FEB UI Website - **Campus Event | Next.js, Tailwind, Vercel | 2025 - 2026**

- A mock app that lets users browse restaurants in NYC, view menus, and many other.Emphasizes reusable UI and clean state management.

PantauTular - **Public Health Monitoring Platform by BRIN | React/Next.js, Django/DRF, PostgreSQL, Tailwind, JWT | 2025**

- Web app to report and visualize public health incidents. Features role based access, simple data CRUD, charts dashboard, PNG export, and activity logs.

IndoExport – **Traceable Export & QC Platform | React/Next.js, Node/Django, PostgreSQL, Hash-Ledger | 2025**

- Web platform that digitizes shrimp export workflows. Supports batch registration, simulated contaminant QC, immutable ledger logging, verified marketplace listings, buyer–supplier matchmaking, auto-generated export documents, and basic T/T–L/C payment simulation.