

PUTRI TAMARA GULTOM

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Portfolio : putriitr.github.io/portfolio/



EDUCATION

Institut Teknologi Del, Laguboti

July 2022 - Present

Information Technology

Area of Interest :

Frontend & Backend Developer, Mobile Developer, Quality Assurance, Software Tester, UI/UX Design

WORK EXPERIENCE

Mobile Apps Developer Intern

March 2025

Bank Mandiri x Rakamin Academy (Virtual Internship)

- Built an Android news application using Kotlin, integrating RESTful APIs from NewsAPI.org and implementing infinite scrolling for enhanced user experience.
- Designed and implemented mobile user interfaces, applied clean architecture, and ensured smooth performance across Android devices.
- Gained practical experience in Android development, API integration (Retrofit), and mobile UI/UX design within a collaborative development environment.

Software Engineer Intern

Aug 2024 - Jan 2025

PT Umalo Sedia Tekno

- Developed a fully functional e-commerce website using PHP and Laravel, implementing core features such as product listings, shopping cart, checkout process, and admin dashboard.
- Built four responsive company profile websites as a Full-Stack Developer, managing both front-end (Blade, HTML/CSS, JavaScript) and back-end (Laravel, MySQL), and directly collaborating with clients to align technical solutions with business needs.
- Performed automated software testing using Robot Framework and Selenium to ensure system reliability and functionality across multiple projects.

PROJECTS

Ferry Ticket Reservation System (Jan 2025 - Present)

- Web (Admin & Operator Panel) : Built with Laravel to manage ticket bookings, schedules, user authentication, and payment processing.
- Mobile App : Developed using Flutter to provide users with a seamless booking experience on Android and iOS devices.
- Integrated a Natural Language Processing (NLP) machine learning-based chatbot to assist users with inquiries and booking support.
- Implemented RESTful API endpoints to ensure smooth communication between mobile frontend and Laravel backend.

Android News Application (March 2025)

- Developed an Android news app using Kotlin and Android Studio.
- Integrated NewsAPI.org to display top headlines and enabled infinite scrolling for smooth data browsing.
- Applied clean architecture and optimized UI/UX for various Android devices.
- Used Retrofit for REST API integration and GitLab for version control and collaboration.

Company Profile Website Development (Oct 2024 - Jan 2025)

- Built four customized company profile websites for various clients using Laravel, MySQL, and JavaScript.
- Key features : product CRUD, authentication, registered user portal, and client-tailored UI/UX design.
- Performed manual and automated testing using Robot Framework and Selenium to ensure quality.

E-Commerce Website Development (Aug - Sept 2024)

- Developed a full-featured e-commerce platform using PHP and Laravel Framework.
- Key features : product listing, shopping cart, checkout process, and admin dashboard.
- Implemented responsive front-end with Blade templates and ensured clean code architecture.

Purnama Balige Information System & Microservice Architecture (Jan - June 2024)

- Developed a web-based information and room reservation system using Laravel and microservice architecture.
- Implemented backend services with Go and PHP, and consumed them via Laravel Blade.
- Led as Project Manager, designed UI/UX, and conducted testing with Robot Framework and Selenium

NEXTGEN Electronics Store (March - April 2024)

- Developed an e-commerce website using Laravel, PHP, and ReactJS.
- Created responsive UI with HTML, CSS, and JavaScript.
- Used MySQL for product and user data management.

Hotel Booking Mobile App (Nov - Dec 2023)

- Designed and tested a hotel booking app using Kotlin and Java.
- Applied OOP principles for modular development.
- Handled UI/UX design and performed quality assurance.

ORGANIZATIONAL EXPERIENCE

Member of Event Division

Komisi Pemilihan Umum IT Del

Jan 2024 - Present

- Contributed to organizing and executing student election activities at the campus level.
- Assisted in planning, logistics, and coordination of events to ensure smooth electoral processes.

Vice Head of Event Division

Himpunan Mahasiswa Teknologi Informasi (HIMATIF) IT Del

Aug 2023 - Present

- Assisted in leading the Event Division in organizing departmental programs and activities.
- Oversaw planning, coordination, and execution of events such as workshops, and social gatherings.

SKILLS

Languages

Indonesian (Native), English (Intermediate)

Technical Skills

- Programming Languages : C, C#, PHP, Go (Golang), JavaScript, Kotlin
- Web & Mobile Development : RESTful API, Postman, HTML/CSS
- Design & Databases : Figma, Balsamiq, MySQL, MongoDB
- Testing & QA : Automation Testing, Manual Testing, API Testing

Soft Skills

- Strong teamwork and collaboration skills
- Effective verbal and written communication
- Excellent analytical and problem-solving abilities
- Critical thinking and decision-making
- Time management and task prioritization

CERTIFICATION

- **Coursera** : Google Advanced Data Analytics Professional Certificate (2025)
- **Microsoft & Dicoding** : ElevAlte with Dicoding Program (2025)
- **Postman** : Postman API Fundamentals Student Expert (2025)
- **SanberCode** (2024) : Python for Data Science, Quality Assurance Engineer, Laravel Web Development, React.js Web Frontend