RAHEL N. PANGARIBUAN

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Laguboti, Toba Samosir, Sumatera Utara

A software engineering student specializing in web development, with hands-on experience building responsive and user-friendly websites using modern front-end technologies. Contributed to 10+ academic and organizational web projects, with strengths in UI/UX design, component-based development, and effective teamwork throughout end-to-end development cycles.

Work Experiences

Institut Teknologi Del - Sitoluama, Kec. Balige, Toba, Sumatera Utara 22381   Jan 2025 - May 2025

Assistant Lecturer for the English II Course

- Assisted in teaching academic English to 60+ first-year students across 14 sessions
- Handled 14 practicus sessions of the course
- Taught grammar, listening, academic writing, and critical reading skills. Prepared students for interviews and professional presentations, emphasizing real-world communication.

Apple Developer Academy @ Infinite Learning - Jl. Hang Lekiu No. KM 2, Sambau, Batam, Riau, Indonesia 29465   Jun 2025 - Jul 2025

IOS Developer

- Collaborated in a 7-member team over a 1-month sprint.
- Developed an iOS app prototype using SwiftUI under the Challenge-Based Learning framework.
- Contributed to UI implementation and core feature development.

Education Level

Institut Teknologi Del - Sitoluama, Kec. Balige, Toba, Sumatera Utara 22381   Sep 2023 - Sep 2026 (Expected)

Diploma in Information of Technology, 3.55/4.00

SMAN 1 Lagu Boti - JL. Sekolah No. 3 Laguboti   Jul 2020 - Apr 2023

Senior High School, Science Major

Organisational Experience

Majelis Permusyawaratan Mahasiswa - Sitoluama, Kec. Balige, Toba, Sumatera Utara 22381   Jan 2025 - Present

Member of Commission A

Oversaw administrative processes, documentation, scheduling, and secretarial supervision to maintain transparency and efficiency.

Information Technology Association Caderization Committeeas - Sitoluama, Kec. Balige, Toba, Sumatera Utara 22381   Oct 2024

Member of the Event Committee

Supported event operations by coordinating transitions, guiding participants, and ensuring the agenda ran smoothly.

Panitia KPU BEM IT Del 2025 - Sitoluama, Kec. Balige, Toba, Sumatera Utara 22381   Sep 2025 - Dec 2025

Administrative Division Member

Managed candidate registration, document verification, and election announcements while assisting in vote counting with the Data & Information Division.

Skills, Achievements & Other Experience

- **Sistem Informasi Program Studi Manajemen Rekayasa IT Del** (2024): Developed as a full-stack project with UI, system flow, and backend logic for a platform serving 200+ students. Implemented core front-end features and data handling.
- **Warehouse Inventory Management App – Java Swing + MySQL** (2024): Built a full-stack desktop app with 4 CRUD modules, validation, search, and data persistence. Designed UI, implemented business logic, and structured a MySQL database (4+ tables).
- **Redesign Rumah Kreatif Toba** (2025): Led UI redesign based on heuristic evaluation, competitive analysis, and SUS testing (score improvement targeted from 59.97). Created high-fidelity prototypes and conducted usability testing with 10 respondents.
- **Sistem Informasi Kemahasiswaan IT Del** (2025): Front-end developer for a multi-page system used by 500+ users. Built with Inertia.js, designed UI in Figma, and automated 20+ test cases.
- **B-Call App** (2025): Designed and built the front-end for a mobile app that tracks real-time running calories and BMI goals. Developed interface flows, tracking screens, and contributed to app logic.

- **Implementasi Whisper dan DeBERTa v3-base untuk Evaluasi Otomatis Coherence pada IELTS Speaking** (2025): Developed the front-end for a system evaluating IELTS Speaking coherence using Whisper and DeBERTa v3-base. Worked in a 3-member team for 6 months, contributing to UI/UX design, dataset preparation, and project documentation.
- **Certificate** ⊘: Experience-related certificates
- **Hard Skills**: HTML, CSS, JavaScript, PHP, Laravel, React.js, Next.js, Flutter, Dart, Swift, SwiftUI, MySQL, PostgreSQL, Figma, Balsamiq, Katalon, Cypress, Minitab, UML, BPMN, Enterprise Architect, PowerDesigner, Visual Paradigm, StarUML, Trello, Git, GitHub, C Language, OOP
- **Soft Skills**: Leadership, Team Collaboration, Role Coordination, Communication, Initiative, Organizational Involvement