

Ralph Luis Abejuela

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TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Java, Python, SQL (PostgreSQL), HTML/CSS
Frameworks: React, Next.js, Node.js, Jest
DevOps & Cloud: Docker, GitHub Actions (CI/CD), Virtual Machines, Linux (Ubuntu), SSH, Nginx
Tools & Architecture: Git, Android Studio, Agile/Scrum, MVC Architecture

EXPERIENCE

- Backend Developer Intern** | *TypeScript, Node.js, Agile, Git, Agile/Scrum* Feb 2026 – May 2026
Department of Science and Technology Region V Legazpi City, Albay
- Led a 3-person OJT team in an Agile environment to develop and maintain multiple REST API microservices, including a strategic planning CRUD service, using TypeScript and Node.js.
 - Executed the architectural refactoring of microservices from Clean Architecture to MVC patterns, improving codebase functionality and long-term maintainability
 - Integrated services with PostgreSQL databases, containerized components using Docker, and wrote automated unit tests with Jest and technical documentation to ensure robust reliability.
 - Participated in daily stand-ups and sprint planning, contributing to task estimations and continuous project delivery.
- Treasurer** Nov 2022 – Jun 2023
CSC STI College Legazpi Legazpi City, Albay
- Processed and tracked all council expenditures, maintaining 100% accuracy in financial records.
 - Collected and reconciled event fees from 157 students.
 - Collaborated with IT department heads to approve and monitor event budgets.

PROJECTS & LEADERSHIP

- ejobtrack** | [GitHub](#) | *React, TypeScript, Gmail API, Transformers.js, Dexie.js* Jul 2026 – Present
- Built a zero-server job tracking SPA that auto-syncs Gmail via OAuth 2.0 and parses application status from LinkedIn, Indeed, and 50+ ATS using regex parsers with an on-device Transformers.js ML fallback for unknown senders.
 - Designed a client-only architecture (IndexedDB, Cloudflare Pages) where tokens, email data, and ML inference never leave the browser - verifiable via DevTools.
 - Implemented fuzzy duplicate detection across multi-platform applications and built an extensible parser registry for community-contributed platform support.
- Agri-Connect** | *React, Node.js, TypeScript, PostgreSQL, Docker, Git, Nginx* Feb 2025 – Nov 2025
- Developed a full-stack warehouse management system for a government agency, featuring automated report generation and a custom Facebook chatbot to handle routine inquiries, provide current pricing, and route users to appropriate contacts.
 - Automated the build and deployment process via GitHub Actions, transferring files to the server via SSH and configuring Nginx to serve the updated web application.
- Tagisan ng Talino: Codefest – Team Leader** | *Java, Android Studio* March 2024 — April 2024
- Captained a 3-person team to 1st place in the local campus Codefest by developing a fully functional movie reservation application using Java and Android Studio.
 - Secured 2nd place in the STI cluster-level finals, outperforming development teams from 8 different schools.

EDUCATION

STI College Legazpi – Graduated Cum Laude (1.4 GWA) Legazpi City, Albay
Bachelor of Science in Information Technology Sep 2022 – Jun 2026

INTERESTS

AI tools, Local LLM Models, Linux, Manga, Anime, Souls-like games