

MATH LEE LAGOD BIACOLO

Full-Stack Developer | Developer Tools, AI Automation & Workflow Systems

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Summary

Graduating BS Information Technology student and full-stack developer focused on developer tools, AI automation, and workflow systems. Built open-source TypeScript/Python tools with 580+ GitHub stars, 8,000+ contributions, 229 pull requests, 80 forks, and a 501-hour Innodata OJT building AI/OCR workflow automations.

Projects

<u>AudioScholar</u> Capstone Kotlin/React lecture assistant for recording, transcription, AI summarization, and recommendations.	Jan 2025 - Dec 2025	<u>InnoParse</u> FastAPI OCR/local-AI document extraction workflow for spreadsheet, Google Forms, and office automation.	Feb 2026 - Apr 2026
<u>Pasahe</u> Flutter fare-estimation app for Philippine public transport under RecursiveDev.	Nov 2025 - Present	<u>Campus Navigator</u> Capstone geolocation campus navigation app with real-time search and route guidance.	Aug 2024 - Dec 2024
<u>FBScrapelIdeas</u> Python CLI using Playwright and Gemini AI for scraping and analyzing social media discussions.	May 2025 - Dec 2025	<u>CITU Course Builder</u> CIT-U course scheduling tool with conflict-aware planning, filtering, export, and preference optimization.	Apr 2025 - Dec 2025
<u>Temp Email Service</u> Cloudflare temporary email service with dynamic registration across multiple domains.	Apr 2026 - Present	<u>RustDupe</u> Rust CLI/TUI using BLAKE3 hashing to detect duplicate files and guide interactive cleanup.	Jan 2026 - Feb 2026
<u>Pi Tool Display</u> 150+ star TypeScript Pi extension for compact tool output and clearer diff rendering.	Mar 2026 - Present	<u>Novel Image Generator</u> Browser userscript integrating multiple AI providers to generate context-aware images from selected text.	Nov 2025 - Dec 2025
<u>Pi RTK Optimizer</u> 100+ star TypeScript Pi extension that rewrites RTK commands and reduces noisy terminal output.	Mar 2026 - Present	<u>Pi Permission System</u> 60+ star TypeScript permission layer controlling which coding-agent commands can run.	Mar 2026 - Present
<u>OpenCode Smart Voice Notify</u> 60+ star OpenCode plugin for cross-platform voice notifications, reminders, and audio cues.	Dec 2025 - Jan 2026	<u>JeepMe</u> TypeScript transit mapping tool with real-time geocoding, fare estimation, and Metro Cebu route discovery.	Feb 2026 - April 2026

Experience

Innodata Business Process Automation Intern - Built AI/OCR, spreadsheet, Google Apps Script, and Power Automate workflows during a 501-hour OJT. - Developed InnoParse, a FastAPI-backed document extraction system using scripts, OCR utilities, and validation.	Feb 2026 - April 2026
Innodata Data Annotator Reviewed multimodal AI training data for prompt match, accuracy, consistency, and guideline compliance.	Jan 2026 - Feb 2026
Independent / Self-employed Full-Stack Developer - Maintained 79 GitHub repositories with 8,000+ contributions, 229 pull requests, 580+ stars, and 80 forks. - Released Pi/OpenCode extensions, browser automation tools, APIs, and LLM integrations in TypeScript/Python.	Jan 2023 - Present

Education

Cebu Institute of Technology - University Cebu, Philippines • Jun 2021 - May 2026	Bachelor of Science in Information Technology
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Skills

Languages TypeScript, Python, JavaScript, Java, Rust, Dart, Kotlin, SQL, C#	Frontend React, Next.js, Astro, Vue.js, Tailwind CSS, HTML/CSS, responsive UI, accessibility, component design, MDX	Backend & Databases Node.js, FastAPI, Django, Flask, Spring Boot, PostgreSQL, MySQL, SQLite, REST APIs
AI & Automation Playwright, Selenium, BeautifulSoup, browser automation, OCR, OpenAI/Gemini/Claude APIs, local LLMs, Power Automate, Google Apps Script	Tools & Infrastructure Git, GitHub, GitHub Actions, AWS, Cloudflare, Vercel, Firebase, Docker, ServiceNow, CLI/TUI Tooling, Vitest, esbuild, Postman	

Certifications

<u>Gemini Certified Educator</u> Google for Education Gemini use in education workflows.	Nov 2025	<u>Google Certified Educator Level 1</u> Google for Education Google Workspace for Education tools.	Nov 2025
<u>AWS Certified Solutions Architect</u> AWS Academy	Jan 2026	<u>AWS Cloud Foundations</u> AWS Academy	Sep 2025