

Arian Allorde

Junior Software Developer

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Results-driven IT expert with a strong background in backend systems and database analysis. I excel at leading projects, solving complex problems, and collaborating with teams to drive accuracy and efficiency. With a keen eye for detail and a passion for process improvement, I deliver high-quality outcomes in fast-paced environments.

Work experience

Rural Bank of Guinobatan, Inc | IT Developer

Guinobatan, Albay | 10.2025 – 02.2026

- Investigated database deadlocks and transaction issues using SQLYog and PuTTY, identifying root causes and escalating findings to the senior developer and IT management, reducing recurring transaction issues.
- Refactored MariaDB stored procedures, validated key use cases, and prepared reports for testing in a simulated live environment, improving query reliability in daily operations.
- Analyzed transaction logs and database records to identify discrepancies in more than 500,000 transactions, documenting findings and escalating them to IT and executive leadership for further action.

Freelance (SwingVA) | Team Lead

Legazpi City, Albay | 07.2025 – 09.2025

- Led a 6-person development team and managed client communication, ensuring clear requirement alignment and delivering features on schedules across the project life
- Supervised implementation of a booking system using the HubSpot API by tracking progress, clarifying requirements, and relaying updates, ensuring smooth execution aligned with client expectations.
- Conducted end-to-end manual testing of the booking system, email workflows, and overall user experience, identifying issues and improving frontend quality prior to launch.

Quanby Solutions, Inc | Project Management Intern

Legazpi City, Albay | 07.2024 – 05.2025

- Served as Scrum Master and Frontend Developer, leading Agile ceremonies and coordinating cross-functional teams, ensuring aligned workflows and consistent sprint progress.
- Facilitated Agile workflows (sprints, stand-ups, retrospectives) and collaborated with developers, contributing to timely feature delivery and efficient issue resolution.
- Participated in pre-bidding activities and RFQ reviews under a DevOps senior, canvassing products and analyzing costs, feasibility, manpower, and timelines, informing business decisions for each project.

Fornix Corporation | Project-Based Backend Support

Legazpi City, Albay | 07.2024 – 05.2025

- Handled dataset standardization and cleanup within assigned scope, removing duplicates and applying consistent naming conventions to support reliable data usage.
- Took responsibility for data accuracy in assigned records by verifying and correcting store information to maintain consistency and integrity.
- Prepared and validated structured datasets for ERP migration, coordinating with supervisors to ensure data met project requirements and avoided issues during transition.

Bicol University Office of Student Affairs & Services | Student Assistant

Legazpi City, Albay | 07.2024 – 05.2025

- Managed and maintained critical inventory and records systems, ensuring organized, accessible, and audit-ready documentation.
- Took ownership of administrative workflows, streamlining documents processing and data entry to support daily operations efficiently.
- Ensured compliance and data quality by rigorously reviewing and validating scholarship documents for completeness and accuracy.

Education

Bicol University | Bachelor of Science in Computer Science

Legazpi City, Albay | 08.2021 - 05.2025

GWA: 1.9 (90)

Relevant coursework: Machine Learning, Artificial Intelligence, Data Mining, Database Management, Software Engineering

Thesis: Real-Time Speech Rate and Emotion Feedback using Deep Reinforcement Learning

Technical Skills

Languages: JavaScript, TypeScript, Python

Frontend: React, Next.js, HTML & CSS, Tailwind CSS, Angular

Backend: Node.js, REST APIs, Express, PHP (Basic), WordPress

Databases: MySQL, MariaDB, Supabase, Firebase, PostgreSQL, Convex

Tools & Platforms: Git, Docker, Postman, Figma, TensorFlow, Vercel, GroqCloud, Google AI Studio, Puter.js

Core Competencies: Data analysis, query optimization, debugging, API integration, data cleaning, data migration, log analysis, CRM integration, E-commerce systems

Soft Skills: Agile methodologies, Scrum, sprint planning, retrospectives, cross-functional collaboration

Projects & Involvement

Real-Time Speech Rate and Emotion Feedback System

- Built a web app that uses NLP and machine learning to measure tempo, pronunciation, fluency, and emotion in speech, improving feedback accuracy over tie through self-learning models.
- Tech Stacks: React, TypeScript, Node.js, Express, Tailwind CSS, PostCSS, Chart.js, RxJS

Talk.twah

- Developed a standalone web app to simplify speech data collection for the thesis system, streamlining the data gathering process and improving annotation efficiency.
- Tech Stacks: React, TypeScript, Vite, Tailwind CSS, shadcn/ui, Supabase, Web Audio API

SwingVA Landing Page

- Led 6-person freelance team delivering a marketing landing page for SwingVA's virtual assistant services, supporting client branding and lead generation as part of a business solutions group.
- *Tech Stack: React, TypeScript, Tailwind CSS, Vite, shadcn/ui*

Cyberwise

- Managed a small freelance game development team building a commissioned 2D top-down pixel game on Information Assurance & Security for an IT capstone project, contributing to game logic and user experience.
- Tech Stack: GameMaker Studio 2

YTMP3Downloader

- Built a personal full-stack tool to safely convert and download YouTube videos to 192kbps MP3 audio, reducing reliance on ad-heavy third-party sites.
- Tech Stacks: React, TypeScript, Tailwind CSS, shadcn/ui, Python, Flask, yt-dlp, FFmpeg