

# JUSTIN SHEEN M. GUIRIBA

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## PROFESSIONAL SUMMARY

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Detail-oriented Software Engineer with 2+ years of professional experience in backend development and AI integration, specializing in building scalable applications and intelligent systems. Proficient in Python, PHP, TypeScript, and C#, with a strong track record in RESTful API design, database management, and integrating LLM APIs such as Claude and OpenAI into production workflows.

## WORK EXPERIENCE

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### Impulse 101 IT Solutions

November 2025 – June 2026

Line Manager / Junior Developer

Quezon City (Remote)

- Led backend development for a mobile product achieving 50,000+ downloads on the Google Play Store by designing and implementing scalable RESTful APIs, reducing average API response time and improving overall user experience.
- Designed and managed relational and NoSQL database schemas to streamline data access patterns, reducing query latency while supporting Kubernetes deployments and CI/CD pipeline automation that cut deployment time significantly.
- Strengthened application reliability by implementing DNS management, virtual machine operations, and log-based alerting, ensuring 99%+ uptime and faster incident detection across production environments.
- Collaborated with cross-functional teams to gather requirements and ensure seamless integration of web and mobile services, driving project completion ahead of schedule.

### 1TEQ Providers

June 2025 – July 2025

Backend Developer (OJT)

Quezon City

- Shipped a C# and Avalonia UI desktop application integrating the client's external API for real-time POS transaction processing, storing and managing transaction records in MySQL to eliminate manual reconciliation and improve cashier throughput.
- Developed a full Point of Sale system and, upon early completion, extended it into a Purchase Order management system using PHP, HTML, CSS, and JavaScript — delivering two functional systems within the same OJT period.
- Replaced the company's reliance on third-party developers by independently building all required internal tools from scratch, reducing external dependency costs and giving the team full ownership of their software.

### Fulcrum

November 2024 – May 2025

QA Tester (Freelance)

Philippines (Remote)

- Executed comprehensive end-to-end test suites using Cypress and Cucumber, identifying and documenting critical defects across multiple sprint cycles and preventing regressions from reaching production, improving overall release confidence.

### Independent Freelancer

2024 – Present

Full-Stack & IoT Developer

Philippines (Remote)

- Integrated LLM APIs (OpenAI GPT and Google Gemini) into client applications, designing custom prompt engineering pipelines and context-aware AI workflows that automated content generation and intelligent query handling, reducing manual effort for end users.
- Delivered end-to-end IoT solutions including an RFID-enabled vending system and an AI-powered aquarium monitoring system that automatically reads and interprets pH and water quality sensor data using LLM integration, cutting operational overhead and eliminating manual tracking for both clients.
- Built full-stack web applications using Python, Django, Flask, and React — handling UI design, backend APIs, and database architecture — achieving on-time delivery and zero post-launch critical bugs across all engagements.
- Collaborated with clients to understand needs and deliver tailored solutions, resulting in high customer satisfaction and repeat business.

## EDUCATION

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### University of the East – Caloocan

2022 – 2026

Bachelor of Science in Computer Science, *Cum Laude*

## SKILLS & AWARDS

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**Skills:** Python; TypeScript; PHP; C#; JavaScript; Django; Flask; Laravel; React; React Native; Flutter; Kubernetes; RESTful APIs; MySQL; PostgreSQL; MongoDB; Firebase; Parse Server; CI/CD; GitHub Actions; Claude/OpenAI API; Cursor;

**Awards:** Champion – InnOlympics Hackathon 2025, ING Hub, Makati; 1st Runner Up – Hack It Hackathon 2025, Springlab at Orange; 1st Runner Up – BPI DATAWAVES 2025; Top 10 Team – GCash AWS Hackathon 2025, BGC (in partnership with AWS PartyRock); 3x UE Exemplary Awardee – Awarded for winning hackathons and representing the university; 1st Place Student Choice & 3rd Place Faculty Choice – Technify 2025 Thesis Presentation; Semi Finalist – CodeChum National Programming Challenge 2024 (Python Programming); UE Engineering Robotics, GDSC Hackathon, Google API Gemini Competition, OTIS Japan AppCon 2024