GERICO ARON R. MANGALI

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SUMMARY

Software Engineer with 2+ years of experience building scalable web applications and maintaining legacy systems. Skilled in **PHP (CodeIgniter)**, **Node.js**, **Express**, **MySQL**, and **Firebase**. Experienced in **REST API development**, **CI/CD pipelines** (Jenkins, AWS), and Agile workflows. Known for delivering automation solutions, enhancing system performance.

SKILLS

- **Languages & Frameworks:** PHP (7/8, Legacy PHP 5, CodeIgniter 3), JavaScript, Node.js, Express.js.
- **Backend:** REST APIs, MVC Architecture, OOP, CRUD Operations, Firebase Functions.
- **Frontend:** Responsive Web Design, QR Code Integration, UX/UI Implementation, HTML5, CSS3, Tailwind, Bootstrap.
- **Database:** MySQL(Relational), SQL Optimization, Firebase Firestore (NoSQL).
- **Workflow:** Agile (Scrum), Jira, Confluence, Technical Documentation.

EXPERIENCE

SEEK Asia Philippines (Remote)   **Philippines, BGC**
Associate Software Engineer
- Resolved 20+ development tickets monthly across 4 internal enterprise applications, addressing bugs, features, and performance improvements in PHP and CodeIgniter 3.
- Automated internal account activation, reducing manual entry by 80% and cutting activation time by 4 minutes, boosting team productivity and data accuracy.
- Improved job posting efficiency by reducing duplication and increasing application rates by 15%, optimizing hirer workflow.
- Supported migration to HubSpot CRM, defining API data flow and business logic, ensuring smooth integration with legacy systems.
- Created backend solutions for generating government-approved OR and invoice templates, maintaining complex business logic and ensuring consistency across UI changes.
- Enhanced talent sourcing by adding candidate education filters, improving applicant match quality and reducing hirer screening time by 10%.
- Collaborated with marketing and sales teams to extract and provide critical data through customized MySQL queries, requiring in-depth knowledge of database design to accurately address complex data requests and drive business outcomes.

PROJECTS

Parking Record Management System with QR Code Integration and Backend API Web Service   **Freelancing**
Full Stack Developer
Technologies: Express.js, Firebase Firestore, Firebase Functions, HTML/CSS. JavaScript, Arduino, REST API.
- Designed and developed a complete backend system for a vehicle access control platform using QR-based authentication and cloud-based record management.
- Created secure RESTful APIs using Express.js to process QR code scans, decrypt vehicle data, and validate entries against Firebase Firestore records.
- Implemented Firebase Functions for real-time entry/exit event handling and synchronization, supporting smooth user experience and accurate logging.
- Transformed manual tracking into a scalable, automated QR-based system—boosting accuracy and speed, and enabling future expansion such as payments and real-time analytics.

EDUCATION

CITY OF MALABON UNIVERSITY (CMU)   **Philippines, Malabon**
Dean's List 2019-2020   **August 2022**
Bachelor of Science in Information Technology