

GERICO ARON R. MANGALI

Philippines, Malabon | 09162513326 | mangaligericoaron@gmail.com | www.linkedin.com/in/gerico-mangali

SUMMARY

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

SKILLS

- **Languages & Frameworks:** PHP (7/8, Legacy PHP 5, CodeIgniter 3), JavaScript, TypeScript, Node.js, Express.js, **React.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, React (Hooks, Components, State Management).
- **Database:** MySQL(Relational), SQL Optimization, Firebase Firestore (NoSQL).
- **Workflow:** Agile (Scrum), Jira, Confluence, Technical Documentation.

EXPERIENCE

SEEK Asia Philippines (Remote) Associate Software Engineer

Philippines, BGC

- 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.

Personal Portfolio Website Built with React.js

Frontend Developer

Technologies: React.js, TypeScript, HTML/CSS

- Designed and developed a responsive personal portfolio using React and TypeScript to highlight experience and projects.
- Integrated Fuse.js to provide fast, fuzzy search functionality for project filtering.
- Added OpenAI-powered chatbot to assist visitors with site navigation and answering common questions, showcasing AI integration skills.
- Used Resend to implement reliable and modern email form submission.
- Deployed the site using Surge for static hosting: geric-choi.surge.sh

EDUCATION

CITY OF MALABON UNIVERSITY (CMU)

Dean's List 2019-2020

Bachelor of Science in Information Technology

Philippines, Malabon

August 2022