JOEL RAYTON

Software Engineer | Full-Stack Developer

📞 09458279769 ✉ joelrayton@gmail.com in www.linkedin.com/in/joel-rayton
○ senpaijoeru05.github.io/My-Portfolio

SUMMARY

Entry-level Software Engineer with hands-on experience in full-stack development using React, Laravel, and PostgreSQL. Skilled in building responsive web apps and mobile solutions, including a Best Thesis Award–winning machine learning project. Passionate about clean code, UI/UX, and continuous learning. Eager to grow in collaborative, real-world development teams.

EXPERIENCE

Full Stack Developer (Internship)
Philippine Statistics Authority

📅 06/2024 - 08/2024 📍 Legazpi City, Philippines

Responsible for developing and implementing software applications
- Developed the PSA-HRIS, a web-based HR system using PHP (Laravel) and PostgreSQL.
- Built secure backend services and responsive frontend interfaces.
- Collaborated with staff for feature planning, testing, and deployment.
- Delivered a complete end-to-end system for internal HR process automation.

Full Stack Developer (Freelancing)
Self-Employed 📅 2024 - Present 📍 Ligao City, Philippines

Designed and developed full-stack software solutions for local clients and organizations.
- Developed custom web applications using Laravel, PostgreSQL, and React.
- Delivered secure, role-based systems with user-friendly dashboards and data management tools.
- Collaborated with clients on feature planning, testing, deployment, and training.
- Applied responsive UI design and backend optimization to ensure performance and usability.

PROJECTS

Vision.AI – Assistive Application for the Visually Impaired

Best Thesis Award | Bicol University Polangui

Developed Vision.AI, a machine learning–powered Android application designed to assist visually impaired users through real-time object and currency detection. The project uses computer vision models trained on YOLOv8, integrated with TensorFlow Lite, OpenCV, and Kotlin for offline mobile deployment. Features include Text-to-Speech, Speech-to-Text, wake-word activation, and weather updates, all accessible via a voice-guided interface. Awarded Best Undergraduate Thesis at Bicol University Polangui for its innovation and social impact.

GitHub Repo: https://github.com/SenpaiJoeru05/Vision.AI

AccreHub – Accreditation Files Management System

Client Project | Developed as a Freelance Full Stack Developer

Built a role-based accreditation system for schools using Laravel and PostgreSQL, featuring document tracking, user dashboards, and secure local data handling. Managed the full dev lifecycle from planning to deployment and training.

GitHub Repo: https://github.com/SenpaiJoeru05/AccreHub

My Personal Portfolio

Personal Project | Designed and developed as a showcase of skills

Developed a fully responsive portfolio website using React.js, HTML, CSS, and JavaScript. Designed to highlight my skills, projects, and experience as a developer. Includes interactive sections such as project cards, technology stack, and links to GitHub repositories. Optimized for both desktop and mobile viewing.

GitHub Repo: https://github.com/SenpaiJoeru05/My-Portfolio
Web: https://senpaijoeru05.github.io/My-Portfolio

EDUCATION

Bachelor's in Computer Science
Bicol University Polangui
📅 2021 - 2025 📍 Polangui, Philippines

STRENGTHS

Problem-Solving
Able to analyze issues and develop effective, efficient solutions in both development and debugging phases.

Collaboration
Works well with team members and stakeholders to understand requirements and deliver shared goals.

Adaptability
Quick to learn new technologies and adjust to changing project needs and environments.

Attention to Detail
Ensures high quality in coding, testing, and documentation to minimize errors and improve maintainability.

Time Management
Capable of prioritizing tasks and meeting deadlines in fast-paced development cycles.

SKILLS

Front-End Tech:

HTML5 CSS3 Tailwind CSS React.js

Tailwind CSS Bootstrap JavaScript

Livewire

Back-End Tech:

Laravel PHP RESTful APIs

PostgreSQL MySQL Python Java

Prototyping and Tools:

Figma Git GitHub Visual Studio Code

AI, Mobile & Others:

Kotlin Android Studio YOLO (Ultralytics)

TensorFlow Lite OpenCV

Speech-to-Text / Text-to-Speech APIs