

BEN RYAN RINCONADA

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WORK EXPERIENCE

SPLACE BPO

Davao City, Philippines

Web Development & IT Support Intern

Mar 2025 – June 2025

- Developed a responsive HR rating system using the MERN stack (MongoDB, Express.js, React.js, Node.js) and styled with Tailwind CSS to streamline performance evaluations.
- Collaborated with cross-functional teams to troubleshoot software issues and maintain hardware infrastructure, improving system reliability.
- Assisted production teams with cable management, lead mining, and system reformatting to support operational efficiency.
- Managed lead distribution workflows as Vici Controller, ensuring accurate data flow and optimized task assignment.

PROJECT EXPERIENCE

Harvestify (PWA Agri-Marketplace)

Full-Stack Developer (Thesis Project)

- Architected and launched a scalable, mobile-first Progressive Web App (PWA) for an agricultural marketplace, successfully supporting 300+ pilot users with 99% uptime using React.js, Node.js, and Tailwind CSS.
- Increased user engagement and accessibility by 20% by engineering a full offline-access PWA with service workers and Web App Manifest.
- Eliminated authentication breaches by implementing robust two-factor authentication (2FA) using Speakeasy and Passport.js, ensuring platform security.
- Designed and scaled RESTful APIs with Node.js and Express, efficiently handling 500 concurrent requests per minute and reducing server response times by 30%.
- Enhanced data-driven decision-making for farmers by 25% through the development of interactive dashboards and analytics visualizations with ApexCharts and Chart.js.
- Drove a 40% increase in adoption among local communities by integrating multilingual support for English and Tagalog using i18next.

FarmFuture (PWA Crop-Price Tracker)

Full-Stack Developer

- Developed and deployed a Progressive Web App (PWA) delivering real-time and historical crop-price data to traders, featuring automated alerts to guide timely investment decisions.
- Engineered a dynamic front-end using React.js and Tailwind CSS, powered by RESTful APIs built with Node.js and Express for seamless data fetching and notifications.
- Integrated a live chat feature using Socket.io and managed complex application state with Redux to facilitate real-time communication between users.
- Translated complex market data into actionable insights by creating clear and interactive data visualizations with Chart.js and ApexCharts.

EDUCATION

Davao Oriental State University

Mati City, Philippines

Bachelor of Science in Information Technology

SKILLS

HTML, CSS, JavaScript, TypeScript (actively learning), Tailwind CSS, React.js, REST APIs, Node.js, MongoDB, git (version control), Arduino