

John Kurt Russelle Marmol

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SUMMARY

I'm a dedicated software engineer who enjoys solving problems and turning them into simple, user-friendly solutions. I work well with others, love learning new things, and have achieved success in hackathons and freelance projects.

TECHNICAL SKILLS

- Front-End Development (TypeScript, Next.js, React.js, React Native, Redux, Electron.js, Vite.js, Tailwind, Shadcn/UI, Sass, Bootstrap)
- Back-End Development (TypeScript, Node.js, Express.js, Nest.js, Prisma, Bun)
- Database Management (PostgreSQL, MySQL, MongoDB)
- Software Development Tools (CLI, Postman, Postbird, Git, VSCode, Expo Go, Android Studio, React DevTool, Docker)
- Cloud Platform (Github, Google Console, AWS, Vercel, Neon, Render, Cloudinary, Microsoft 365 Business, Expo, Firebase, Supabase)
- UI/UX Designing (Figma)
- Security Research / Bug Hunting (SQLi, XSS, Burp Suite)

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer

December 2021 - Present

Kuma Technologies

- Design, develop, and maintain comprehensive mobile, web, and desktop applications.
- Engage in client relations, fostering strong partnerships and ensuring customer satisfaction.
- Deploy and manage Android applications on the Google Play Store.
- Manage business email and communication systems using Microsoft 365 Business.

HACKATHON & COMPETITION

Exhibition – Participation

April 2nd – 3rd, 2025

De La Salle University – Innovation and Technology Fair

- Exhibit & presented our project that helps patients and users identify the potential causes of their pain using AI RAG.

Engineering Day 2025 – 1st Runner Up

March 6th – 7th, 2025

ICCT Colleges Foundation, Inc.

- Developed a kiosk & mobile apps for school system to automate the process of requesting and releasing of records and credentials.

C(old) (St)art Hackathon 2025 – Fan Favorite UX Design

Oct 19th, 2024

Old.ST

- Design a web application that helps reseller and buyer to ship their items with the help of a courier service.

D.A.T.A Wave 2024 Hackathon – Participation

Sept 10th – Nov 15th, 2024

Bank of the Philippine Islands & Eskwelabs

- Submitted a project that helps HR to report performance of their employees using AI and Machine Learning.

AppCon 2023 – Top 20 Finalist

Dec 1st, 2023 – June 14th, 2024

OTis Philippine Inc.

- Developed Care Ease, a mobile application that helps users and patients identify the potential causes of their pain using AI.

InnOlympics 2024 – Top 10 Finalist

April 15th – 19th, 2024

Google Developer Student Club – Pamantasan ng Lungsod ng Maynila (PLM)

- Developed a social platform for missing persons and their families to connect and share information.

AI Hackathon – Participation

March – April, 2024

Connex Global

- Developed a chatbot for a company to help customers with their inquiries.

Innovation Track – Top 5 Finalist

Nov – Dec 15th, 2023

Huawei ICT Academy

- Developed Care Ease, a mobile application that helps users and patients identify the potential causes of their pain using AI.

ITech Hackathon 2023 – 2nd Runner Up

June 29th – 30th, 2023

ICCT Colleges Foundation, Inc.

- Developed an application for getting a million e-books for free.

Show us ur Rizz – Champion

June 5th – 17th, 2023

Google Developer Student Club – University of San Carlos (USC)

- Developed an application for getting a million e-books for free.

UnBlok Hackathon – People Choice Award

April – May, 2023

The BLOK

- Developed an Electronic Health Record (ERD) System using Blockchain technology.

PROJECT BUILT

- **Care Ease** – 3D Human AI Personal Healthcare
- **Care Ease RivalZ** – 3D Human AI Personal Healthcare using technology from RivalZ
- **CE-RevU (Civil Engineering Review University)** - Developed a mobile application for Civil Engineering students to review for their curriculum.
- **Kuma POS** - Developed a Point of Sale system for small businesses, with a focus on user experience and performance.
- **DiReCT: Digital Record and Credential Transaction** - Developed a kiosk & mobile apps for our thesis, our goals is to help the school to automate the process of requesting and releasing of records and credentials.
- **Pub Speaker** - Developed a mobile application to help people correct their pronunciation and check grammar using AI.
- **AI Chatbot** - Developed a chatbot for a company to help customers with their inquiries.
- **MediBlok** - Developed ERD (Electronic Health Record) System using Blockchain technology. This project is developed with the aim of providing a secure and efficient way to store and access medical records.
- **KumaLib** - Developed a mobile application for student to access millions of e-books for free.

EDUCATION

Bachelor of Science in Computer Engineering

2021 – Present

ICCT Colleges Foundation Inc. – College

Electrical Installation Maintenance

2015 – 2021

Malanday National High School – Junior & SHS

Malanday Elementary School – Primary

2009 – 2015