John Rommel Octaviano

Software Engineer │ Blockchain, Cloud, DApps, Mobile, Smart Contracts, Web

1.9+ total years of working experience │ +639562057280 │ johnrommel.octaviano@gmail.com │ https://ctvnjhnrmmlp.vercel.app

Experience

T.E.A.M DAO
September 2023 - January 2025 │ 1 year 4 months
Software Engineer │ Full Time
Remote, Indonesia

- Spearhead the development and optimization of decentralized applications (dApps) and Web3 gaming solutions, leveraging React.js, Next.js, and Tailwind CSS to deliver visually captivating and highly responsive user interfaces.
- Integrated and maintained real-time communication systems and data retrieval mechanisms using SocketIO, GraphQL, Apollo, and REST APIs, significantly enhancing user engagement and interaction speed.
- Streamlined collaborative workflows by implementing best practices in code management, version control, and peer review processes using Visual Studio Code and Git, fostering innovation and operational excellence within dynamic project environments.

Konsumer Solutions Group
July 2023 - December 2023 │ 5 months
Software Engineer │ Contract
Remote, United States

- Drove web product enhancement and feature development by implementing scalable solutions using React.js, Next.js, TypeScript, and Tailwind CSS, ensuring a clean and maintainable codebase for long-term efficiency.
- Led user experience improvements, optimizing functionality and performance while fostering a collaborative environment focused on innovative problem-solving and meeting strategic objectives.
- Developed responsive, dynamic interfaces with reusable components, seamlessly integrating Next.js for enhanced application performance and SEO optimization, elevating product visibility and user engagement.

Raicom LLC
August 2023 - September 2023 │ 1 month
Software Engineer │ Contract
Remote, United States

- Optimized E-commerce platform functionality and performance by leveraging Bubble.io (No-code platform), along with HTML, CSS, and JavaScript, streamlining user workflows and driving seamless navigation experiences.
- Delivered responsive and user-centric web interfaces, significantly enhancing user engagement and increasing conversion rates, contributing to overall site reliability and operational efficiency.
- Developed and rigorously tested REST APIs using Postman, ensuring robust data communication and seamless integration with third-party services, enhancing system scalability and operational stability.

QX Information Technology Corp.
March 2023 - September 2023 │ 6 months
Software Engineer │ Full Time
Remote, Philippines

- Engineered and maintained dynamic, scalable web solutions using a robust technology stack, including WordPress, PHP, Laravel, Angular, JavaScript, HTML, CSS, Bootstrap, and Sass, effectively addressing diverse client and business requirements.
- Delivered engaging, user-friendly web applications by crafting interactive user interfaces and collaborating closely with cross-functional teams to align development with business objectives.
- Consistently met project timelines and quality benchmarks, contributing to high-impact product launches and fostering a culture of innovation and efficiency.

Education

University of Cabuyao
2021 - 2025
Computer Science
Bachelor of Science
https://pnc.edu.ph

- Chief Executive Officer & Software Engineering Lead – AWS Cloud Club, University of Cabuyao
  - Spearheaded strategic initiatives to promote cloud computing education, leading a team to develop innovative solutions and foster engagement in cloud technologies.
- Vice President for Internal Affairs – Junior Blockchain Education Consortium of the Philippines (Dangals)
  - Championed organizational growth by driving internal programs, enhancing collaboration, and fostering a supportive environment for blockchain learning and innovation.
- University Representative – IT Skills Olympics, University of Makati
  - Competed and excelled in Web Design and Java Programming, demonstrating technical expertise and problem-solving in a competitive setting.
- Thesis: Lifeline Angel – A Recommendation System for the Provision of First Aid Using Chatbot
  - Designed and developed an AI-driven chatbot system to provide personalized first aid recommendations based on user inputs, integrating machine learning and natural language processing for accurate and timely responses.

Technical Skills

- **Programming Languages**: JavaScript, TypeScript, Rust, Java, Python, PHP, Solidity
- **Frontend Frameworks & Libraries**: React, Next.js, Angular, React Native, Expo, TailwindCSS, Bootstrap, Grammy, SocketIO
- **Backend Frameworks**: Express, Fastify, FastAPI, Laravel, tRPC
- **APIs & Query Languages**: GraphQL, Apollo
- **Databases & ORMs**: Prisma, MySQL, PostgreSQL, MongoDB
- **Blockchain & Web3**: Ethereum, Solana, IPFS, Hardhat
- **AI & Machine Learning**: PyTorch, TensorFlow
- **DevOps & Containers**: Docker, Kubernetes, Git, AWS
- **Operating Systems**: Fedora, Arch Linux