

John Rommel Octaviano

Software Engineer | Blockchain, Cloud, Data, Mobile, Web
2+ total years of working experience | +639562057280 | johnrommel.octaviano@gmail.com | https://ctvnjhnrmlp.vercel.app

Experience		
The BLOKC (The Blockchain Learning Organization and Knowledge Center)		January 2025 - March 2025 2 months
Software Engineer Internship		Remote, Philippines
<ul style="list-style-type: none">Developed and deployed smart contracts using Solidity, Hardhat, and Ethers, integrating seamlessly with existing REST APIs built with NestJS to enhance decentralized application functionality.Built and optimized decentralized applications (DApps) using modern frameworks like Next.js, React, Viem, Wagmi, and RainbowWalletKit, ensuring a responsive and user-friendly Web3 experience.Recognized as a core contributor and mentor in a leading blockchain cohort, providing guidance on smart contract development, DApp architecture, and best practices for decentralized systems.		
T.E.A.M DAO		September 2023 - January 2025 1 year 4 months
Software Engineer Full Time		Remote
<ul style="list-style-type: none">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.		
QX Information Technology Corp.		March 2023 - September 2023 6 months
Software Engineer Full Time		Remote, Philippines
<ul style="list-style-type: none">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		
<ul style="list-style-type: none">Thesis: Lifeline Angel – A Recommendation System for the Provision of First Aid Using Chatbot<ul style="list-style-type: none">Designed and developed an AI-powered chatbot system for personalized first aid recommendations based on user inputs. The system integrates two specialized models: Astra, which utilizes machine learning and natural language processing to generate accurate text-based first aid guidance, and Vesper, an image-based wound classification model that enhances first aid assistance through visual analysis.		

Projects	
Lifeline Angel	
First Aid Recommendation System	
https://lifeline-angel.vercel.app	
A smart first-aid recommendation system utilizing AI to provide real-time assistance based on text and image inputs.	
Selyo (EVM Support)	
Tokenized Engagement Platform	
https://www.facebook.com/projectselyo	
Platform for tokenizing social interactions. We help organizers gather real-time data from their participants to help them run raffles, giveaways, and to understand attendees behavior to bring the best experience for your IRL events	
Seeker	
Job Tracking System	
https://seeker-gamma.vercel.app	
Track your job applications and upskill progress — all in one dashboard. Integrated with Google to help job seekers stay organized, focused, and job-ready.	

GitHub Portfolio - https://github.com/ctvnjhnrmlp

Technical Skills	
Blockchain	
<ul style="list-style-type: none">Languages & Frameworks: SolidityTools & Libraries: Foundry, Hardhat, Ethers, Viem, Wagmi, Web3.js, GraphQLPlatforms: Ethereum, BaseStorage: IPFS, Pinata	
Cloud	
<ul style="list-style-type: none">Platforms: AWS, GitHub ActionsDevOps & Containers: Docker, KubernetesDatabases: MySQL, PostgreSQL, MongoDB, Supabase	
Data	
<ul style="list-style-type: none">AI & Machine Learning: PyTorch, TensorFlow, OpenAIQuery Languages: GraphQL, Apollo	
Mobile	
<ul style="list-style-type: none">Frameworks: React Native, Expo	
Web	
<ul style="list-style-type: none">Programming Languages: JavaScript, TypeScript, Java, Python, PHPFrontend Frameworks & Libraries: React, Next, Angular, TailwindCSS, Bootstrap, Grammy, SocketIOBackend Frameworks: Nest, Express, Fastify, FastAPI, Laravel, tRPCDatabases & ORMs: Prisma, MySQL, PostgreSQL, MongoDBTesting: Jest, PlaywrightOperating Systems: Fedora, Arch Linux	