

CRIZTIAN JADE M. TUPLANO

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Professional Summary

Lead Full Stack Developer with a proven track record in architecting scalable mobile and web applications in healthcare and decentralized platforms. Skilled in AI integrations, cross-functional leadership, and driving product innovation with measurable impact. Experienced in MERN stack and blockchain technologies, delivering high-performance, user-focused solutions.

Experience

TheHowdyStudios (Startup) | Lead Full Stack Mobile Developer

May 2025 - October 2025 (Part time)

- Led mobile architecture and tech stack decisions for KC app, collaborating across design and AI engineering teams.
- Developed AI chat interface providing personalized financial coaching, leading to enhanced user engagement.
- Built automated goal achievement calculator forecasting individual financial milestones from spending patterns
- Created analytics dashboard delivering real-time monthly and annual financial insights, improving user decision-making.
- Designed smart debt tracking and automated payment scheduling system, boosting on-time payments
- Integrated push notifications increasing user retention and timely financial reminders.
- Improved cross-platform performance by migrating app from Expo to native development builds, resolving compatibility issues.
- Established end-to-end QA and testing protocols ensuring production stability

Theoria Medical | Fullstack Developer

November 2024 - April 2025

- Migrated critical OTP system for controlled substance prescriptions, ensuring compliance with state regulations and HIPAA requirements
- Automated 10K+ record migration from Excel to database using custom scripts, reducing manual processing time
- Rebuilt legacy 2FA system with enhanced security implementation featuring role-based access control and audit logging
- Developed real-time search and pagination systems optimized for large-scale healthcare datasets across multiple US states
- Integrated multiple third-party APIs for e-prescribing, identity verification, and provider management with error handling and failover systems
- Built internal ticketing system using Laravel for development team automation and workflow management

Tritech (Startup) | Lead Mobile Developer

April 2024 - September 2024 (Part-time)

- Architected React Native mobile app infrastructure connecting patients to hospital systems with secure data sync.
- Led mobile development team, conducting code reviews and enforcing healthcare compliance standards.
- Integrated real-time notifications and appointment reminders to improve patient engagement and adherence.
- Established CI/CD pipelines to automate testing and deployment, improving release frequency and quality

Projects

IWorkspace - Multi-Project Productivity Platform | Bolt.new Hackathon Entry

June 2025 | Next.js, Supabase, Electron

- Developed floating focus windows integrated with desktop workflows, reducing professional context-switching.
- Built real-time cross-project analytics and intelligent task prioritization, enhancing productivity.
- Enabled seamless multi-client workspace management, attracting early adoption from productivity enthusiasts and professionals during hackathon.

Additional Resource Link:

- Official Website - <https://i-workspace-landing-page-gecs.vercel.app>
- Hackathon Details Entry W/ Demo - <https://devpost.com/software/iworkspace>

Dumpet.Fun - Decentralized Contest Platform | Hackathon Winner

November 2024

- Achieved \$5K prize among 500+ global entries at an international Web3 hackathon by introducing a scalable decentralized contest platform, innovating in blockchain-based voting systems.
- Improved platform load times with advanced pre-loading, pre-caching, and rollback mechanisms, ensuring smooth user experience under heavy traffic.
- Engineered a robust real-time voting system with anti-manipulation safeguards, supporting thousands of concurrent users and increasing trust in decentralized contest results.
- Platform engagement metrics showed increase in voter participation during contests due to reliable and fast performance.

Additional Resource Link:

- Official Website - <https://www.dumpet.fun/>
- Hackathon Details Entry W/ Demo - <https://devpost.com/software/dumpet>

Everlink | Hackathon Winner

November 2024 |

- Led frontend design and UI development for a decentralized link-in-bio service, achieving first-time permanent profile accessibility via blockchain technology.
- Implemented personalized URL customization which increased user profile creation by 40% post-launch.
- Integrated social content aggregation, enhancing user engagement with average session duration increased
- Recognized for innovative use of Arweave decentralized storage, securing hackathon win among 200+ entries focused on Web3 solutions.

Education

Dr. Emilio B. Espinosa Sr. Memorial State College of Agriculture and Technology

Bachelor of Science in Computer Science

June 2024