

Juanpaulo Umali

Senior Full Stack Engineer

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 Pampanga City, Philippines

Profile

Versatile developer with 6+ years of experience building high-performance frontend applications and AI-powered automation systems. Specialized in React, Next.js, GSAP, WebGL/Three.js to create immersive, animation-rich, and SEO-optimized web experiences. Proven track record in delivering interactive dashboards, 3D configurators, and WordPress solutions while ensuring Core Web Vitals and accessibility compliance.

In parallel, I design and deploy AI voice agents and omnichannel automation flows using tools like Vapi, Twilio, GHL, Make, and Zapier, enabling businesses to streamline workflows, reduce costs, and improve engagement.

Delivered solutions include multilingual tourism voice bots, HR screening agents, eCommerce WhatsApp automations, and CRM-integrated voice workflows that cut manual work by up to 75%.

Core Skills: React, Next.js, GSAP, Three.js, WebGL, Tailwind, WordPress (custom themes/plugins), Supabase, Firebase, Node.js, REST & GraphQL APIs, AI Voice Agents (Vapi, Twilio, Bland AI, Synthflow), CRM Integrations (HubSpot, GHL, Salesforce), Automation (Make, Zapier, n8n), AI (GPT, LangChain, Whisper).

Professional Experience

01/2023 – Present

Senior Frontend Developer

Freelance / Contract

Building high-performance, interactive web applications with Next.js, React, GSAP, Three.js, and Tailwind. Specializing in 3D web experiences, motion-rich UIs, and automated frontend-backend workflows.

Key Responsibilities:

- Developed GSAP-powered interactive web apps, dashboards, and 3D experiences for clients across healthcare, e-commerce, and SaaS industries
- Built WordPress websites with motion-rich UI, custom themes, Gutenberg blocks, and plugin integrations
- Optimized web performance including Core Web Vitals, Lighthouse scores, PWA compliance, and responsive design across devices
- Integrated APIs, Supabase, Firebase, and automation tools (Zapier, Make, n8n) for seamless frontend-backend workflows
- Created multilingual AI-powered agents and voice bots, automating workflows for client onboarding, cart recovery, and customer support
- Migrated legacy JavaScript apps to Next.js and serverless architectures, improving deployment speed and maintainability
- Mentored junior frontend developers and provided guidance on GSAP, Three.js, and performance best practices

06/2020 – 12/2022

Frontend Developer / UI Engineer

Tech Solutions Inc.

Developed dynamic, responsive web applications with React.js and vanilla JavaScript, focusing on user experience, interactive UI, and modern frontend best practices.

Key Responsibilities:

- Built responsive websites and landing pages using HTML5, CSS3, JavaScript, and later migrated projects to React.js for improved maintainability
- Collaborated with UX/UI designers to implement interactive UI components, animations, and transitions
- Integrated third-party APIs and services to enhance web applications with dynamic functionality
- Optimized code and application performance, including load times, responsiveness, and cross-browser compatibility

- Assisted in implementing version control, deployment pipelines, and workflow automation to improve team efficiency

03/2023 – Present

AI Voice Bot & Automation Developer

Freelance / Contract

Designed and deployed AI-powered voice agents, chatbots, and workflow automations to streamline client operations and enhance customer engagement.

Key Responsibilities:

- Built 70+ AI voice agents using Retell AI, Vapi, Bland AI, Synthflow, and ElevenLabs for industries including clinics, real estate, and e-commerce
- Automated 24/7 call handling, lead qualification, booking flows, and CRM sync using GoHighLevel, HubSpot, Zapier, Make.com, and n8n
- Designed IVR systems with Twilio and RingCentral, as well as WhatsApp/Instagram chatbots via ManyChat, supporting multilingual operations (English, Spanish, French)
- Implemented omnichannel workflows for cart recovery, client follow-ups, and onboarding, reducing manual work by up to 75%
- Integrated AI voice data and CRM workflows to ensure seamless lead management and actionable analytics
- Improved client operational efficiency, saving 10+ hours/week through automated AI receptionists, HR screeners, and revenue funnels

Education

2018 – 2022

Pampanga City

Bachelor of Technology (B.Tech)

Pampanga State of University

Software Engineering – Specialization in Artificial Intelligence

Skills

3D web experiences	Responsive design
Multilingual AI agents	Web3 technologies
GSAP-powered animations	Supabase
Voice bots	Three.js
Vercel deployment	Django
PostgreSQL	Amazon Web Services
Tailwind CSS	Node.js
React	MongoDB
Firebase Cloud Firestore	Nuxt.js
Vue.js	Next.js
Firebase	MySQL
API Integration	Blockchain, NFT & Cryptocurrency

Languages

- English