John Andrew Batulan Senior Full-Stack Engineer
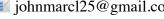
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PROFILE

Results-driven **Senior Full-Stack Engineer** with **10+ years** of experience designing, developing, and implementing cutting-edge software solutions. Expertise in **frontend and full-stack development**, with a focus on performance optimization, scalable architecture, and mentoring junior developers. Adept at collaborating across teams to drive innovation and deliver impactful digital solutions.

EXPERIENCE

Senior Frontend Developer | LegalMatch Philippines | *2022 - 2025*

- Spearheaded the transition from legacy **WordPress architecture** to a **Headless CMS**, boosting website performance by **90%**.
- **Improved Google Core Web Vitals**, upgrading web performance from "Poor" to "Good" for both mobile and desktop.
- **Implemented Docker containerization** for enhanced security and independent frontend deployment.
- **Collaborated with Research and Development and Marketing teams** to deliver innovative solutions and optimize digital platforms.
- **Implement unit testing with Jest** to ensure code reliability and catch issues early in the development cycle.
- **Performed thorough manual testing and created a TCM (Test Case Management)** system as a final quality check before deployment.
- **Conducted peer code reviews** to improve readability, maintainability, and overall code quality..
- **Leverage Playwright for automated end-to-end testing** to streamline repetitive manual testing and improve test coverage.
- **Configured Datadog RUM (Real User Monitoring)** and integrated it into the frontend code to track page performance, detect code issues, and trigger alerts via email, Microsoft Teams, and SMS.
- **Build a standalone app using the Pictory API** to auto-generate marketing-focused video reels and YouTube Shorts.
- **Designed and build a legal chatbo**t to handle inquiries, effectively directing users to case in-take funnel.

Tech Stack: CSS3, SASS, Tailwind CSS, HTML5, JavaScript, TypeScript, WordPress CMS, Node.js, Next.js, React.js, Redux, GraphQL, REST API, Docker, Jenkins Pipeline, Jest, Playwright, Datadog.

Senior Frontend Developer | HawodTech Solutions Inc. | *2021 - 2022*

- Developed **sub-applications** for a major **eBook platform** serving law firms and students across Spain.
- Designed **responsive and accessible UI**, improving performance by **20%**.
- Built modular, maintainable frontend solutions to ensure scalability.

Tech Stack: CSS3, SASS, HTML5, Vue 3, Quasar Framework, Server-Side Rendering (SSR), TypeScript, JavaScript.

Team Lead & Software Engineer | HooliSoftware Inc. | *2015 - 2021*

Team Lead & Software Engineer – DeepData (*2015 - 2021***)**

- Led the development of **three critical modules**, achieving 50**% performance improvement**.
- Mentored junior engineers, increasing their development proficiency by 3**0%**.

Tech Stack: Vue.js, jQuery, AngularJS, Java Spring MVC, Spring Boot, MySQL, AWS Redshift, AWS EC2, AWS ELB, AWS S3, AWS RDS, Highcharts.

Technical Lead & Software Engineer – SocialWiz (*2019 - 2020***)**

- Led the development of **web and mobile solutions**.
- Designed and implemented a **roles and permissions system** for an admin dashboard.
- Improved **mobile app development efficiency by 30%**.

Tech Stack: Vue.js (Vue 2), JavaScript, Highcharts, Java Spring Boot, MySQL, React Native, JSX, Azure Cloud, GPT-Neo, Python, Stripe.

Frontend Development Team Lead – GrubMarket App (*2020 - 2021***)**

- Led the **frontend development** and collaborated on **database design**.
- Built UI components using **Tailwind CSS templates**.

Tech Stack: React.js, TypeScript, MySQL, Java Spring Boot, Tailwind CSS.

Mobile App Developer | Knocard (Freelance) | *2020*

- Built an entire mobile app from scratch using **Flutter**.
- Designed an optimized folder structure for better maintainability.
- Deployed builds to **Apple App Store** and **Google Play Store**.

Mobile App Developer | iConcept Global | *March - July 2015*

- Enhanced the **Tourism Promotions Board (TPB) mobile app** for the **Philippines' tourism sector**.
- Influenced **30% of the decision-making process** for UI/UX and feature improvements.

EDUCATION

- **BS in Information Technology** | Pambayang Dalubhasaan ng Marilao, Bulacan, Philippines (*2011 - 2015*)
- **BS in Information Technology** | Asian College of Science and Technology, Cagayan De Oro City, Philippines (*2011 - 2015*)

KEY SKILLS & TECHNOLOGIES

- **Frontend & Full-Stack Development**: JavaScript, TypeScript, Vue.js, React.js, AngularJS, Next.js, Redux.
- **Backend & Databases**: Node.js, Java Spring Boot, MySQL, AWS RDS, AWS Redshift.
- **Cloud & DevOps**: AWS (EC2, S3, ELB, Lambda), Azure Cloud, Docker, Jenkins.
- **Mobile Development**: React Native, Flutter.
- **UI/UX & Performance Optimization**: Tailwind CSS, SASS, Headless CMS, Highcharts.
- **Agile Development & Leadership**: Team mentoring, cross-functional collaboration, CI/CD, containerization.