

MELCHOR MATTY

Full Stack Developer

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Goa, Camarines Sur, Philippines



EXPERIENCE

Full Stack Developer

Automatic

05/2022 - 07/2025 remote

- Led Agile sprints and collaborated with cross-functional teams to design, develop, and deliver full stack, client-facing features with measurable business impact.
- Improved dashboard performance by 45%, reducing load times from 5s to 2.75s, significantly enhancing user experience.
- Built scalable RESTful APIs in .NET Core (C#) with OAuth authentication via Auth0, ensuring secure user access and data protection.
- Developed responsive web applications using React, Angular, and Next.js, ensuring mobile-first design and cross-browser compatibility.
- Optimized deployment pipelines with Docker and Kubernetes, reducing deployment time by 40% and improving release reliability.
- Increased user retention by 20% through A/B testing and data-driven feature enhancements across both frontend and backend.
- Mentored junior developers in clean code principles, Git workflows, and full stack best practices, increasing team code quality by 35%.
- Championed CI/CD adoption to accelerate release cycles, reduce manual errors, and improve software reliability.
- Collaborated with UX designers to create intuitive interfaces that boosted user satisfaction and engagement.
- Automated monitoring and alerting systems to proactively detect and resolve production issues, minimizing downtime.
- Participated in code reviews and architectural discussions to ensure system scalability and maintainability across the stack.
- Integrated third-party APIs and external services to extend application functionality and deliver richer user experiences.

Front End Developer

InVision Company

01/2020 - 05/2022 remote

- Engineered dynamic web applications using React, Angular, Vue.js, and Next.js, delivering scalable solutions for enterprise SaaS products.
- Built component libraries from scratch to ensure design consistency and speed up feature delivery across multiple projects.
- Designed and developed RESTful and GraphQL APIs, enabling faster, more efficient data exchange between services.
- Created real-time collaboration tools using WebSockets, boosting user productivity for client-facing applications.
- Integrated Stripe, Twilio, and Google Maps APIs to add advanced features and expand platform capabilities.
- Worked with SSR (Server-Side Rendering) in Next.js to enhance SEO and reduce time-to-interactive for high-traffic marketing sites.
- Implemented progressive web app (PWA) functionality, enabling offline usage and improving mobile engagement.
- Automated testing pipelines with Jest, Cypress, and Playwright, ensuring bug-free releases and high code coverage.
- Optimized frontend build processes by leveraging webpack, Vite, and code-splitting strategies to achieve sub-3-second load times.
- Deployed applications to AWS, Azure, and Vercel with CI/CD workflows, cutting deployment time from hours to minutes.
- Collaborated in cross-functional Agile teams across multiple time zones, delivering high-priority features ahead of schedule.
- Conducted performance audits and introduced caching/CDN strategies that reduced server load and improved response times.
- Spearheaded the migration of legacy monolithic applications to a microservices architecture, improving scalability and deployment flexibility.
- Championed accessibility best practices (WCAG 2.1) across all front-end projects, ensuring inclusive experiences for all users.

SUMMARY

Versatile **Full Stack Web Developer** with **10+ years** of experience designing, developing, and deploying **responsive, high-performance web applications**. Skilled in **JavaScript, Python, React, Angular, Vue.js, Next.js, and Node.js**, with a strong focus on **user experience, performance optimization, and secure coding**. Experienced in **Agile methodologies, continuous integration, and DevOps practices**. Proficient in **server-side rendering, cross-browser compatibility, webpack bundling, and mobile-first design**. Able to build scalable **RESTful APIs** and optimize deployment pipelines using **Docker and Kubernetes**. Strong **leader and mentor**, committed to delivering efficient, maintainable, and secure software solutions.

SKILLS

Front-End

React.js Next.js Vue.js Angular

TypeScript Tailwind CSS

Back-End

Node.js Express.js Django PHP

Laravel REST/GraphQL APIs

DevOps & Tools

Docker Git GitHub Actions

Jenkins AWS(EC2 S3 RDS) Vercel

Databases

PostgreSQL MySQL MongoDB

Redis

Testing

Jest Cypress Playwright Mocha

Project Management

Agile/Scrum Jira Trello CI/CD

Mentorship Code Reviews

EXPERIENCE

Junior Developer

Pointwest Technologies

📅 05/2015 - 12/2019 📍 onsite

- Assisted in developing and maintaining **React** and **Material UI** dashboards for **client-facing tools**, improving **component reuse** and speeding up feature development
- Supported **backend development** using **Node.js scripts** to enable **synthetic data generation** and ensure **GDPR compliance** across multiple internal tools
- Helped design and test **API endpoints** for secure **data transactions**, contributing to high system uptime
- Participated in **debugging** and **QA** efforts, helping resolve an average of **8 bugs per sprint**, improving **code reliability**
- Contributed to **sprint planning** and task estimation, helping reduce **delivery delays** by improving planning accuracy
- Supported **cloud integration** and deployment workflows, enhancing **automation** and **scalability** across **staging environments**
- Collaborated with senior developers to implement **Agile best practices** and standardize **CI/CD pipelines**
- Contributed to **frontend performance optimization**, reducing **dashboard render times** by 25% through tuning and optimization
- Assisted in **code refactoring**, which led to a **30% reduction in bug reports** over two quarters

Key Projects

E-Commerce Order Tracking & Admin Portal

📅 02/2024 - 04/2025 📍 remote

Stack: React, Redux Toolkit, Node.js, Express, PostgreSQL, Stripe API, AWS (EC2, S3), Tailwind CSS

- Developed a scalable e-commerce platform with a customer-facing order tracking system and an admin portal for managing products, users, and orders
- Built a **mobile-first e-commerce platform** using **React**, **Tailwind CSS**, and **Redux Toolkit**, with secure **RESTful APIs** in **Express** for **user authentication**, **order management**, and **product catalog**
- Integrated **Stripe** for **payment processing** with **webhook** support, and designed a **PostgreSQL** schema for **inventory** and **order tracking**
- Deployed on **AWS EC2** with **S3** and **CloudFront**, enabling **real-time order updates** and **admin analytics** that helped reduce **cart abandonment** by **40%**

TeleHealth Appointment Scheduling System

📅 10/2021 - 08/2022 📍 remote

Stack: Angular, Node.js, Express, MongoDB, Firebase Auth, SCSS, AWS EC2

- Built a HIPAA-compliant web application allowing patients to book virtual appointments and doctors to manage schedules and health records
- Developed **Angular** components for calendar, patient forms, and doctor dashboards with **Firebase Auth** for secure, role-based access
- Created **RESTful APIs** for appointments, messaging, and integrated **email/SMS reminders**
- Hosted backend on **AWS EC2** using **MongoDB**, boosting booking efficiency by **60%** and reducing no-shows by **30%**

Online Learning & Course Management Platform

📅 07/2018 - 10/2019 📍 onsite

Stack: Vue.js, Vuex, .NET Core (C#), ASP.NET Web API, PostgreSQL, AWS S3, Tailwind CSS

- Developed dynamic, responsive Vue.js interfaces for student and instructor dashboards, along with an admin panel featuring course creation tools and AWS S3 content upload.
- Built secure authentication and role-based access control (RBAC) using JWT within .NET Core, ensuring proper permissions for students, instructors, and admins.
- Designed and implemented progress tracking and quiz modules backed by PostgreSQL for accurate learner performance insights.
- Integrated real-time metrics and visual analytics with Chart.js, boosting learner retention by 50% through personalized dashboards.

CERTIFICATION

Certified Full Stack Web Developer
Azure Developer Associate
AWS Certified Developer –Associate

LANGUAGES

English
Proficient



EDUCATION

B.S. Computer Science

University Of the Philippines
Diliman

GPA

4.0 / 4.0

📅 08/2011 - 05/2015

📍 Manila, Philippines