



JONATHAN MANZON

COMPUTER ENGINEER

I'm a software engineer experienced in full-stack development, passionate about crafting creative solutions. I work with both front-end and back-end technologies. I enjoy teamwork and tackling challenging projects to achieve success.

Contact

✉ nathanmanzon@gmail.com

☎ +63951-064-6387

🏠 #023 Panipuan Mexico Pampanga

Educational Background

ST. NICOLAS COLLEGE OF
BUSINESS AND TECHNOLOGY

Bachelor of Science in Computer
Engineering

2015 - 2020

Work Experiences

SOFTWARE DEVELOPER

Rooche Digital IT Solutions, Inc.
July 2024 - March 2025

- Developed a comprehensive surveyor application using Android and Kotlin, incorporating MVVM architecture for better data flow management and code maintainability.
- Implemented Retrofit for API communication, handling authentication with Auth0 and token-based requests for secure and seamless data exchange.
- Utilized Room database to store data locally, managing complex data structures with entities and ensuring synchronization with remote servers.
- Resolved issues across environments, including fixing HTTP errors in release builds, and optimized app performance for handling large datasets.
- Developed an ads management system using Next.js, TypeScript, TailwindCSS, and Shadcn UI, featuring a modern and responsive user interface with seamless API interactions.
- Integrated Google API and Meta API to automate ad creation, track performance, and provide detailed analytics, enhancing campaign management efficiency.
- Deployed the system on Digital Ocean using Putty for secure server management, implementing role-based access control for data security and scalability.

FREELANCE DEVELOPER

May 2023 - July 2024

- Collaborated with clients to understand project requirements, scope, budget, and timelines, ensuring clear communication and strong client relationships.

Certificates

- Innovation through Creativity: Introduction in Visual Graphic Design | St. Nicolas College
- Connecting Minds, Creating the Future: Basic AutoCAD 3D | St. Nicolas College
- Solar Technology/ Software Engineering and Quality Assurance / CpE in Industry, CpE in Real World | St. Nicolas College
- Conquering Passion to Explore Seminar: Technology Trends | St. Nicolas College

Hard Skills

- Knowledge of HTML, CSS, JavaScript, and front-end frameworks such as Vue.js, Next.js, and TypeScript, along with experience in styling using TailwindCSS and Shadcn UI. Proficient in back-end languages and frameworks like Node.js, PHP, and Python.
- Skills in mobile app development using platforms like Android, frameworks like Flutter, and programming languages such as Kotlin.
- Understanding of database systems such as MySQL, PostgreSQL, and NoSQL databases like Firebase including database design, querying, and optimization.
- Proficiency in using version control tools like Git for code collaboration, branching, merging, and version management.
- Knowledge of software development methodologies like Agile, and have an experience in project management tools like Jira and Trello.

- Developed clean, efficient, and maintainable code for web applications, mobile apps, and software solutions based on client specifications.
- Performed thorough testing, debugging, and quality assurance to identify and resolve issues, ensuring functionality and delivering reliable products.
- Utilized version control systems like Git to manage code, track changes, collaborate with team members, and maintain code integrity throughout the project.

GRAPHIC DESIGNER

***Bought By Me Online Collection
January 2023 – May 2023***

- Designed marketing materials, including logos, brochures, and advertisements, using Adobe Photoshop and other graphic design tools, while creating and refining brand identities, logos, and style guides to align with clients' visions.
- Collaborated with team members and clients to edit, retouch, and enhance images, incorporating feedback to deliver polished and effective designs.

FREELANCE DEVELOPER

March 2022 - January 2023

- Developed full-stack websites and systems from scratch, handling both frontend and backend development to deliver complete and functional solutions.
- Built responsive and interactive user interfaces using HTML, CSS, Vanilla JavaScript, Bootstrap, Vue.js, TypeScript, and TailwindCSS.
- Designed and implemented backend systems using PHP, Node.js, and MySQL, ensuring efficient data processing and secure authentication.

Soft Skills

- Multi-tasking
- Hard working

References

Engr. Mhel Handrian Pineda
Senior Software Engineer
0906-083-8324

Rev. Edwin Pabalan
Regional Director
Independent Baptist Mission for Asians
0921-763-6463

- Created RESTful APIs and endpoints to facilitate seamless communication between frontend and backend components.
- Developed and deployed CRUD functionality for efficient data management across various applications.
- Engineered e-commerce platforms with secure payment integration, order management, and inventory tracking.
- Built inventory management systems to streamline stock control and optimize business operations.
- Developed custom management systems tailored to client requirements, improving workflow automation and data organization.
- Integrated third-party APIs for enhanced functionality, including authentication services, and analytics tools.

FLUTTER DEVELOPER

Rooche Digital IT Solutions, Inc.
April 2021 – February 2022

- Creating user-friendly and visually appealing mobile applications using Flutter framework.
- Writing clean, maintainable, and efficient code in Dart programming language.
- Conducting thorough testing of applications, identifying and fixing bugs, and optimizing performance.
- Providing technical support and troubleshooting issues for deployed applications.