

Mar Jayson San Agustin

Full-stack developer

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Summary

With over 7 years of professional experience, I'm driven to leverage my expertise in Software Engineering, Full-stack development, and other Software technology solutions to drive product innovation. My expertise includes: Agile, Scrum, Web development, ReactJS, JavaScript, TypeScript and NodeJS. I also have experience in implementing solutions from ground-up and integrating testing tools such as Jest, Playwright, Cypress, etc. To deliver a high quality work.

Relevant Work Experience

Senior Software Engineer · **Ascendion** · November 2023 – Present

Software Engineer · August 2022 – November 2023

- Contributed to the development of a customized Grafana panel plugin using React, TypeScript and NodeJS for AI-powered insights of data projected at Grafana visualizations for our banking client: [Metrobank Philippines](#).
- Collaborated closely with cross-functional teams to develop various internal projects and proof of concepts using ReactJS, TypeScript and NextJS for our banking client: [Metrobank Philippines](#).
- Actively participated company-wide AI-powered features explorations such as retrieval augmented generation (RAG), vector embeddings, NextJS, ReactJS, and large language model utilization focusing on usage of transactional data and vast enterprise knowledge for our banking client: [Metrobank Philippines](#).
- Develop from scratch the web user interfaces and experience focusing on critical features such as time deposit, credit cards and send international (SWIFT) features for our banking client: [Unionbank Philippines](#).
- Resolved production bugs in credit cards and online transfers for our banking client: [Unionbank Philippines](#).

Software Engineer · **ISBX** · September 2021 – August 2022

- Created a dynamic forms feature for data collection from scratch, leveraging technologies like NextJS, ReactJS, TypeScript, NestJS, Material UI, and PostgreSQL.
- Resolved existing bugs in the production environment, ensuring the system's stability and reliability.
- Developed a profile management feature using React and NextJS and implementing UI enhancements, improving the overall user experience.

Software Engineer · **MyCURE** · June 2019 – September 2021

- Created complex onboarding modules from scratch, integrating intricate UI designs using VueJS, JavaScript, TypeScript and NextJS, and implementing analytics tools such as google analytics.
- Played a vital role for the creation of the teleconsult feature that enables doctors and patient to do online consultation via video chat. Participated in doctor and patient onboarding, electronic medical records processing and payment integration.
- Contributed to the project's success by addressing production bugs, thereby enhancing the overall efficiency and quality of our work.

Software Engineer / Founding Partner · **Ground Gurus** · January 2017 – February 2019

- Leading the development and successful launch of a mobile and web learning platform using NextJS, ReactJS, Angular, TypeScript, NodeJS, Ionic, Flutter and MongoDB
- Played a key role in creating efficient and modern solutions for various flagship projects for our SaaS clients, ensuring the delivery of high-quality software solutions.
- Deployed and maintained various applications in linux environments, implementing analytics, and logging infrastructure to ensure systems reliability.

Personal Projects

Team Collaboration Platform | [Project Link](#)

A platform for organization-wide messaging through real-time chats, audio and video conferencing. With advanced member management, robust authentication, secure file-sharing and customizable light/dark modes using NextJS, React and TypeScript.

AI-powered customer support Chat | [Project Link](#)

A web application that utilizes retrieval augmented generation (RAG), vector embeddings and local large language model. It includes a chat interface using NextJS, React and TypeScript for interacting with existing knowledge base and a scraping tool to add more valuable information.

msanagustin.com | [Project Link](#)

The second iteration of my personal website featuring details about my professional career and personal interests. I have used NextJS, React and TailwindCSS to craft advance UI and experience. Currently building the hacker-mode so the visitors can use a command-line interface to do access information.

Education

Bachelor of Science in Information Technology August 2024 - present

MAPUA Malayan Digital College | Philippines

- Continuing education and academic studies focusing on software development studies and emerging technologies like AI and machine learning.

Bachelor of Science in Computer Science 2014 - 2018

Pamantasan ng Lungsod ng Pasig | Philippines

- Earned The Best Thesis Award | School Year: 2018 | Thesis Title: Venue Reservation and Management Cloud Platform (Multi-Platform Web and Mobile Applications)

Skills Summary

Programming Languages

JavaScript, TypeScript, Java, HTML, CSS, SQL, NoSQL

Tools and Frameworks

ReactJS, NextJS, NodeJS, NestJS, ExpressJS, Springboot, Angular, Vue, GIT, Docker, Unix, Ollama

SaaS and Platforms

Azure, Azure OpenAI, AWS, Github, JIRA, Bitbucket

Trainings and Certifications

Getting Grounded on Analytics Validity: July 2021 to Present

<https://coursebank.ph/certificates/eb35ea1c2ac54c1e9b9b897986e20a54>

Advanced Distributed Systems Design using SOA & DDD Validity: May 2020 to Present

<https://www.credential.net/2a61f9ba-387f-4bdb-ad77-ef6451757a1e>

Flutter and Dart - The Complete Guide Validity: July 2019 to Present

<https://www.udemy.com/certificate/UC-6QMAGRNB/>

Node.js: The Complete Guide to build RESTful APIs Validity: July 2019 to Present

<https://www.udemy.com/certificate/UC-e5133845-f182-4612-95fe-886bca95f74d/>