

Antonio Miguel Cruz

Senior Frontend Developer

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Work experience

SENIOR FRONTEND DEVELOPER

01/2024 - 10/2024

DigiTech Solutions, Singapore, SG

- Led the frontend design and implementation of a high-traffic e-commerce platform using **React.js** and **Next.js**, achieving a **35%** increase in page load speed and a **20%** boost in conversion rates.
- Championed a component-driven approach with **TypeScript** and **Redux**, reducing code duplication by **30%** and accelerating development speed by **15%** to enhance team efficiency.
- Collaborated with UX/UI designers on user-friendly interfaces, resulting in a **25%** improvement in satisfaction scores, while integrating machine learning models with **TensorFlow** and **PyTorch** and leveraging **OpenCV** and **YOLO** for advanced image processing.

FRONTEND TEAM LEAD

09/2022 - 12/2023

DigiTech Solutions, Singapore, SG

- Managed a team of **4** frontend developers, delivering **5+** major projects on time and within budget using **React.js** and **AngularJS**, while ensuring high code quality standards.
- Implemented unit and integration tests with **TypeScript**, achieving a **40%** reduction in production bugs and significantly enhancing system stability for a reliable user experience.
- Revitalized the development workflow with modern tools like **Webpack** and **Babel**, and utilized **Docker** and **Kubernetes** for deployment, resulting in a **20%** increase in team productivity.

FRONTEND DEVELOPER

09/2021 - 08/2022

TechVision Corp, Melbourne, AU

- Contributed to a single-page application using **React.js** and **Next.js**, improving user interaction speed by **50%** and increasing customer satisfaction scores by **15%**.
- Automated testing with **Jasmine** and **Karma**, reducing manual testing time by **40%** and enhancing overall code reliability and deployment frequency.
- Collaborated in cross-functional teams to integrate **RESTful APIs**, improving data retrieval efficiency and reducing server response times by **20%**.

JUNIOR FRONTEND DEVELOPER

03/2020 - 08/2021

TechVision Corp, Melbourne, AU

- Developed a mobile-first web application with **TypeScript** and **React.js**, boosting mobile traffic by **50%** and user engagement by **30%**.
- Optimized site performance, achieving a **60%** reduction in page load time and significantly enhancing SEO rankings.
- Directed the implementation of a RESTful API using **AWS** and **Google Cloud Platform**, increasing data retrieval speeds by **25%**.

INTERN - FRONTEND DEVELOPER

07/2019 - 02/2020

Tech Solutions PH, Manila, PH

Performed rigorous testing to identify and fix over **60** bugs within the front-end application.

Education

Bachelor of Science, Software Engineering
Ateneo de Manila University, Quezon City, Philippines

08/2015 - 06/2019

Dropout, Business and Management
Osaka University, Suita, Japan

04/2013 - 05/2015

Skills

- Technologies :** React.js, Next.js, TypeScript, AngularJS, Redux
- Testing Tools :** Jest, Jasmine, Karma
- Build Tools :** Webpack, Babel, Docker, Kubernetes
- Cloud Services :** AWS, Google Cloud Platform
- Performance Optimization :** Component-driven development, mobile-first design, RESTful APIs
- AI Integration :** TensorFlow, PyTorch, OpenCV, YOLO
- Leadership :** Team management, Agile methodologies, code reviews, mentorship