

# Marvin Santos

## Senior Software Developer

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### SUMMARY

Experienced Senior Software Developer with expertise in full-stack development and AI technologies. Skilled in React, Node.js, MongoDB, and Python, with a strong focus on machine learning using TensorFlow and PyTorch. Proven ability to lead teams, optimize software performance, and deliver scalable, secure solutions. Committed to continuous innovation and staying ahead of industry trends.

### SKILLS

C++, C#, Java, .NET, Python, PHP, HTML, CSS, SASS, LESS, JavaScript, TypeScript, Node.js, React, React Native, Next, Vue, Angular, Spring, CI, Laravel, Flask, Django, Nest, Flutter, Android, IOS, MySQL, NoSql, MongoDB, PostgreSQL, Oracle, JIRA, Git, AWS, Agile, Docker

### PROFESSIONAL EXPERIENCE

#### Senior Software Developer

06/2024 - Present

##### Self Employed

- Developed MoonCoin, a Telegram mini-app game using React, Node.js, and MongoDB, driving high user engagement.
- Designed and implemented backend logic to support seamless real-time interactions and optimized gameplay.
- Enhanced database performance with MongoDB, ensuring fast data retrieval and scalability for high user volume.
- Delivered a robust and interactive gaming experience for Telegram users, through intuitive UI design and seamless integration.

#### Senior Software Developer

01/2022 - 03/2024

##### Best IT & Hire Remote Developer Solutions (Full-time, Hybrid)

- Developed and optimized eCommerce platforms using React and Next.js for the frontend, and Node.js for backend services.
- Implemented scalable and responsive user interfaces with React and Next.js, enhancing user experience and performance.
- Engineered robust backend solutions with Node.js, integrating with various APIs and databases.
- Collaborated with cross-functional teams to deliver high-quality, on-time project solutions.

#### Senior Software Engineer

01/2019 - 06/2020

##### ISBX (Full-time, Remote)

- Led the development of an education project using the MERN stack, resulting in a 50% increase in user engagement.
- Architected scalable back-end services and RESTful APIs, improving data processing speed by 40%.
- Implemented interactive front-end features using React, enhancing user experience and retention.
- Conducted code reviews and mentoring sessions, fostering team growth and maintaining high-quality standards.
- Employed Agile methodologies to streamline development processes, reducing project delivery time by 20%.

#### Software Developer

05/2016 - 12/2018

##### Upwork (Freelance)

- Built end-to-end blockchain and AI applications for clients using JavaScript, React, Node.js, Python, SQL, and relevant frameworks.
- Leveraged AI tools like TensorFlow and PyTorch for machine learning and natural language processing (NLP) tasks, improving app intelligence.
- Collaborated with clients to define requirements, set project milestones, and ensure the on-time delivery of high-quality solutions.
- Tested and debugged full-stack applications, optimizing both frontend and backend performance for reliability and scalability.
- Integrated blockchain and AI features into existing systems, driving an improved and more engaging user experience.
- Fostered strong client relationships, resulting in repeat business, client referrals, and consistently high ratings.

#### Software Developer

12/2014 - 04/2016

##### BlastAsia (Full-time, On-site)

- Spearheaded development of a Hotel Service app using Angular and Laravel, resulting in a 40% increase in user satisfaction.
- Designed and integrated RESTful APIs, enhancing data retrieval efficiency by 30%.
- Optimized user experience with a responsive design, leading to a 25% increase in mobile engagement.
- Conducted comprehensive unit and integration testing, achieving a 95% pass rate and reducing bugs by 20%.
- Collaborated within Agile teams, contributing to a 15% improvement in project delivery timelines.

#### Software Developer Intern

02/2014 - 11/2014

##### BlastAsia (Full-time, On-site)

- Developed backend web services and frontend interfaces for fulfillment center operators using Laravel, MySQL, Twitter Bootstrap, and jQuery.
- Presented design concepts to engineering and operations teams, incorporating feedback to enhance functionality.
- Collaborated on creating interactive web widgets for video game landing pages to improve user engagement.
- Actively participated in daily stand-ups, code reviews, and sprint planning to ensure timely project delivery.
- Diagnosed and resolved technical issues to maintain seamless operation of web services and applications.
- Continuously updated technical expertise through self-study and training to stay abreast of emerging software engineering trends.

### EDUCATION

#### Bachelor of Science, Computer Science

University of the Philippines Diliman

2010 - 2013