

# Juan SANTOS

Full Stack Software Engineer with 8+ years of experience in various industries.

I am a systems architect and full-stack developer with 8+ years of experience.

I worked on various services, including financial and eCommerce systems, as well as c100k real-time games.

I am a specialist in developing high-scale distributed systems with a focus on maintaining the highest levels of information security and privacy.

I thrive on tackling new challenges and excels at problem-solving.

I am also highly self-motivated and adept at working with global teams.



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🏠 Gregoria Pcicahe-Diaz  
Building Talavera

📅 Date of birth 10/02/1992

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📄 Driving licence

🇵🇭 Philippine, Filipino

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👤 Single



## Projects

<https://www.hopprfy.com/>

<https://merseyhublist.com/>

<https://clerked.com/>

<https://www.mdhearingaid.com/>

<https://www.smartbuycars.us/>

<https://betterbody.work/>

<https://mypwd.io/>

<https://app.planmoretrips.com/>

<https://www.memurai.com/>

<https://therundown.io/>

## Languages

English

Finnish

Japanese

Chinese

## Skills

### Languages

HTML5, HTML, Sass, CSS3, JavaScript, CSS, Less, ECMAScript (ES6), TypeScript, PHP, Python

### Libraries/APIs

React, jQuery, React Redux, Laravel, CakePHP, Node.js, Redux-Saga, Vue, Redux Form, Immutable.js, Google API, React Router, Backbone.js

### Frameworks

Redux, Vanilla JS, MUI (Material UI), Express.js, [ASP.NET](#), Angular, AngularJS, Compass

### Tools

Figma, Sketch, JSX, Avocode, Git, Subversion (SVN), PostCSS, Webpack, Canvas, Redux Thunk, Asana, Gulp, Adobe Captivate, Adobe Photoshop, Postman

### Paradigms

Responsive Web Design (RWD), DRY

### Platforms

Firebase, MacOS, Heroku

### Storage

MongoDB, Cloud Firestore

### Other

Front-end Development, User Interface (UI), Pixel Perfect, Fintech, APIs, Sagas, Material Design, SOLID Principles, Back-end Development, Front-end, Back-end

## Education

### ● Bachelor of Science Degree in Computer Science

From September 2010 to October 2013

University of the Philippines Diliman, Quezon City, Philippines

## Work experience

### Senior Technology Architect

From February 2021 to August 2023 Addhealth Pte Ltd Singapore

- Reviewed the system architecture and closely monitored the system. To ensure optimal performance, monitoring and identifying system bottlenecks is crucial. Optimizing code and removing unnecessary processes reduced the system load by 40%.
- Improved the git flow, built efficient CI-CD processes, and enhanced the overall security of the financial system. These improvements streamlined the development process, increased deployment efficiency, and ensured the system's security.
- Improved the POS client algorithm, creating a more reliable and secure data scheme. These enhancements ensure smoother transactions, improved data accuracy, and increased security against potential breaches.

Technologies: Architecture, System Architecture, System Architecture Design, Microservices Architecture, Large Scale Distributed Systems, API Design, Risk Management, Node.js, Go, Java 7, Kubernetes, APIs, Software Design, Leadership, Scalability, Performance, Cloud, API Integration, Software Architecture, Web Applications, Programming, Java, Spring Boot, Algorithms, SQL, Full-stack, Web Development, Payment APIs, Online Payments, Digital Payments, Payment Gateways, Team Leadership, Cloud Architecture

### Back-end Engineer

From March 2018 to January 2021 Kraken Ltd Poland

- Developed an application that ensures the atomicity of related operations in multiple subsystems to guarantee consistency and prevent errors while maintaining the highest possible security.
- Worked directly with multiple financial institutions to shape new products.
- Witnessed an enormous flow of funds passing through the system I developed.

Technologies: Computer Engineering, Computer Science, HTML, CSS, Crypto, Encryption, Databases, Web Security, Linux, JavaScript, Node.js, MySQL, TypeScript, Blockchain, Altcoin, Fintech, Fintech Consultant, Cryptography, Test-driven Development (TDD), Back-end, Back-end Development, Architecture, Git, Continuous Integration (CI), Amazon Web Services (AWS), Large Scale Distributed Systems, Software Design, Scalability, Performance, Cloud, Integration, API Integration, Web Applications, Programming, Algorithms, SQL, Web Development, Payment APIs, Online Payments, Digital Payments, Payment Gateways, DevOps, Cloud Architecture

### Full-stack Engineer

From August 2016 to February 2018 Rakuten Germany

- Developed and maintained multiple international systems that help managed 10,000 shops with millions of products.
- Designed and developed a flexible and high-scale shop management system for merchants that acts as a standard for Rakuten Group in all countries, speeding up their globalization.
- Maintained system availability at the rate of 99.999%.