

ランドルフ チャンドラ

Randolf Tjandra

Senior Software Engineer

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github.com/randolftjandra

LANGUAGES

Golang
PHP
Typescript / React
HTML5 / CSS

FRAMEWORKS / CONCEPTS

Symfony / Twig
Event Sourcing / CQRS
Distributed Micro-services
Domain Driven Design

TOOLS / SOFTWARE

AWS CircleCI
Agile RapidAPI
Jira / Linear Datadog
Sumo Logic Figma

EDUCATION

**B.S. Electrical Engineering
& Computer Science**

UC Berkeley
2011-2013

EXPERIENCES

Crunchyroll Senior Payments Software Engineer

January 2022 - February 2023

Optimized payments services and operations for performance and scalability

Core Work Initiatives

- Designed a AWS Lambda based micro-service for credit card pre-authorization rate management on a per-country basis, optimizing payment success rates and implementing automatic bans for failing card bins
- Led development of end-to-end solution to get compliant payments for expansion into India utilizing the Stripe API, with potential to increase subscriber count by 4MM
- Reduced service outage time by 2% by building monitoring/alerting tools in Sumo Logic
- Implemented CircleCI across multiple services repositories, reducing time to validate and release builds
- Created and deployed a AWS micro-service for risk assessment, effectively preventing credit card scanning

Tech Lead / Mentorship

- Mentored new hires in company SDLC, best practices and educated them on team's responsibilities
- Updated standards on maintaining service documentation for effective cross-team collaboration
- Broke down business and team initiatives into parallelizable technical tasks
- Balanced product and business needs with technical strategy to ensure optimal business outcome

Crunchyroll Japan Senior Payments Software Engineer

January 2017 - January 2022

Developed new payment processors and features for payments services which serves 10mm+ users

- Tech lead for integration of dLocal, PayPal, Chase Orbital, Stripe as payment processors responsible for roughly \$100MM of company ARR using AWS Lambdas and event sourcing design principles
- Maintained PCI compliancy while developing features for and maintaining all of Crunchyroll's CDE sites
- Developed a customer service tool with Typescript / React to manage user subscriptions and payments across all Crunchyroll services
- Created an AWS State Machine micro-service capable of generating high volumes of gift codes for multiple promotional campaigns, reaching millions of customers

Crunchyroll Japan Full Stack Software Engineer

December 2015 - January 2017

Worked with product design team to developed front end applications for emerging business deals

- Designed and implemented reusable front end components with Typescript / React for vrv.co
- Developed white-label web application in PHP Symfony / Twig to be used for SoompiTV, TVB, SecondTV

Crunchyroll Associate Full Stack Software Engineer

June 2013 - December 2015

Worked with business leadership to expand core services

- Worked with product design to develop in-house e-commerce site with HTML / jQuery
- Designed and developed Crunchyroll comments service with PHP Symfony and Doctrine ingesting 10K+ comments daily