

VANIA CHANDRA

CONTACT

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Seattle, WA

Checkout my resume website!
vcchandr.github.io

ACADEMIC BACKGROUND

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Bachelor of Science in Computer
Science, Class of 2016

SKILLS

Programming Languages & Framework

Java, Python, C, C++, REST APIs, Ruby, SQL
ReactJS, HTML, CSS, PHP, Assembly
Language, REST APIs, Spring, Guice

Tools

Eclipse, Git, Linux/UNIX, IntelliJ,
MySQLWorkBench, Android Studio, JIRA,
InVision

AWS

DynamoDB, Data Pipeline, Lambda, SQS,
ElasticSearch, Aurora, Cloud Watch, SNS,
EC2, S3, Redshift, Kinesis, EMR

Relevant Skill

- Experience in software architecture design, review, and implementation
- Work within an Agile Scrum team
- Build and deployment automation
- Write clear and detailed technical specification and documentation
- Strong organizational, analytical, and interpersonal skill
- Fluent in English and Indonesian

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER ENGINEER

AMAZON.COM, INC

October 2016 - Now

- Designed the architecture and implemented real-time offer eligibility pre-computation for Subscribe & Save program - boost seller's participation by 30% after implementation.
- Created and designed the algorithm for two new merchant fees for Sampling program launch.
- Person-in-charge of team's hardware and service budget; optimized average CPU performance by 10% and cut down expenses by 40%.
- Improved the logic for updating promise for order-hold when seller creates multi-channel fulfillment.
- Daily task of implementing REST APIs, client-side application, and write unit and integration tests.

TBA - TEXTBOOK BUYING AND SELLING APPLICATION

March 2016 - June 2016

Technology: Parse, Android Studio, Java, ISBN Library

- Integrated application with ISBN Library and implemented the API to retrieve book information.
- Implemented search, sort, and filter features by using AWS ElasticSearch.

MOBILE APPLICATION DEVELOPER

PT DATINDO INFONET PRIMA

June 2015 - September 2015

- Developed DIPWallet, a digital wallet and reward program that works with multiple vendor in Indonesia.
- Created design prototypes and workflow for Android application using Android Studio.
- Formulated the algorithm to monitor user points and transaction history using Java and stored the information in SQL database.
- Integrated with card.io to automatically crop credit card's image and capture the card information

MATH, SCIENCE, AND ENGINEER TUTOR

NORTH SEATTLE COLLEGE

February 2013 - June 2014

- Assisted students with in-class help and out-of-class tutoring session.

OTHER RELEVANT ACTIVITIES

Event Organizer - Ignite Conference | Feb 18 - Now
International Full Gospel Fellowship

Head of Event Organizer | Jun 15 - Jun 16
San Diego Indonesian Association

Board of Student Cabinet | Oct 13 - Jun 14
North Seattle College