DUY NGO

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TECHNICAL SKILLS

Languages:	Java, Kotlin, C++, Python, HTML, CSS, JavaScript, MySQL, Ruby
Tools/Frameworks:	Jetpack Compose, Git, Firebase, React, Rails, AWS, Junit, Cucumber, Gitlab, Bitrise
Other techniques:	Agile Methodologies, Distributed Systems, Test Automation, OOP Design

EXPERIENCE

Amazon   *July 2022 - Current*
Software Engineer II
- Implemented data backfilling and validation APIs for Business Order Info (BOI) system's database migration and re-architecture, enabling configuration of up to 30 custom fields with thousands of options, ensuring 100% backward compatibility and low latency.
- Contributed to BOI implementation at the group level, enhancing customer flexibility during checkout, resulting in an improved user experience, and enabling efficient management of 100+ departments, locations, and cost centers for large enterprises.
- Designed and implemented end-to-end on-demand deletion integration for BOI to comply with EU law. Conducted rigorous unit testing and integration testing across various environments to ensure compliance and seamless functionality.
- Successfully managed on-call responsibilities for tier-1 services, maintaining high availability, and resolving high-severity issues promptly, leading to minimized ticket count and improved system reliability.
- Technology used: Java, Spring MVC, CDK, DynamoDB, S3, CloudWatch, SQS, SNS, Lambda, jQuery

Housecall Pro   *May 2021 - July 2022*
Software Engineer
- Design and develop features for company's B2B SaaS platform using Ruby on Rails and React.
- Build out models for pricing content feature which helps companies import 3rd party data and reduce their catalog setup time from one week to one hour.
- Implement patterns of DDD such as public API's and integration events for team's domain which improves scalability and availability.
- Perform data and schema migrations using ActiveRecord with MySQL and follow TDD using Rspec.

Labcorp Drug Development   *Sep 2020 - Apr 2021*
Software Engineer
- Developed applications for clinical trials using HTML, CSS, JavaScript, and Java and in compliance with FDA.
- Participated in daily scrum, sprint meetings and release plannings to deliver in a high paced environment.
- Used Python to optimize application pipeline and speed up build time.

PROJECTS

Open Source Web Components Library   *Sep 2019 - Dec 2019*
- Worked as DevOps in a team of 10 students in development of a well-documented web component library written in HTML, CSS and JavaScript following Agile methodology to improve developers' experience with web components.
- Used TravisCI, ESLint and multiple testing frameworks like Mocha, Chai, and CodeClimate to monitor CI pipeline performance to improve code quality and test automation.
- Used web component documentations to develop new features for the slider and tool-tip component as part of the library.

EDUCATION

University of California, San Diego   *Sep 2017 - Apr 2020*
Bachelor of Science Computer Science, GPA: 3.5