

## Patrick Kim

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### Software Engineer

#### Summary

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4 years software engineering with strong proficiency in Ruby on Rails, Postgres, JavaScript, Docker, Kubernetes, Postman, Tailwind, Turbo, Redis, Sidekiq, and Azure Cloud Services. Experience in handling & creating scripts of highly sensitive large data for two Fortune 500 companies. Performance tuning skills were paramount to customer success. Passionate about creative problem solving, eager to learn and apply new technologies.

#### Professional Experience

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First American Title • **Software Engineer I & II (Remote)**      November 2021 – September 2023

- Fully migrated and integrated several product applications to the cloud using Azure services through Docker, Terraform, Helm Charts, & Kubernetes.
- Upgraded gems and yarn packages to remediate vulnerabilities to avoid code flaws.
- Maintained dynamic and static vulnerability scans through Veracode and Prisma Cloud.
- Implemented features that had heavy resource impact worldwide, ensuring cost-efficiency and maintaining trust with stakeholders and clients.
- Implemented Sidekiq to convert all existing jobs so that they can run in the background, improving the application's performance by a large margin.
- Introduced PaperTrail gem to an application; Enabling audit data with efficiency by 100%.
- Managed and lead the developing team's efficiency by 80% by maintaining and consistently updating documentations, flow-charts, and all on-boarding processes.
- Facilitated majority of pair programming when necessary, completing stories in the sprint 30% quicker than normal and remediating any incidents as a team.
- Solely handled all cloud and server configurations with a brand new application that migrates all users from previous application to a new project.
- Fully optimized deployment strategy to increase time efficiency by 60%, decrease the number of merge conflicts by 90%, and decrease the chances of deployment failure.
- Achieved Microsoft Azure Fundamentals certificate to progress with Azure configurations.

Apple • **Systems Engineer II (Contract & Remote)**      March 2020 – September 2021

- Project lead on three countries for trade-in availability on all aspects technical, engineering, operational & customer advocacy from development to launch.
- Refactored all invoicing impacts of trade-in products, using Rails, across all vendors to ensure minimal discrepancies in high volume, reducing the discrepancies by 70%.
- Successfully lead majority of the cache refreshes worldwide, a heavily resource impact.
- Acted as the Lead Support Engineer to manage high volumes of production, testing, and staging environments worldwide, leading to 40% efficiency in resolving customer issues.
- Successfully developed and launched new technology such as specific configurations for different countries, in a very high-volume production environment without any quality spills.
- Experience in managing technology development & operational challenges in high volume assembly and test (in house and at offshore suppliers).
- Designed and developed multiple search features in UI, increasing efficiency by 40%.
- Implemented and refactored the Rails portal on various objects such as Products, Programs, Quotes, etc. to avoid customer impacted complications using Rails MVC paradigm.

#### Education

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Immersive Full Stack Web Development Online, Intensive with less than 6% acceptance rate

Flatiron School

October 2019

Bachelor of Arts, Asian American Studies

Minor in **Computer Science**

University of California, Riverside

August 2015