Ryan Vergeront

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Work Experience

Amazon - Software Development Engineer (Backend)

Denver, CO - *July 2017 – Present*

- Helped launch and maintain a feature to recommend product accessories on the Amazon.com Detail Page with $100M+ monthly revenue. Major contributions include: added logging of business metrics, refactored front-end JavaScript to integrate a partner team's feature, refactored back-end Java code to allow A/B testing of ML Algorithms.
- Designed and launched a feature to inform Amazon candidates about their pre-employment background check status. Wrote backend code in Node.js and infrastructure code in Python using AWS Lambda.
- Maintained AWS Billing platform that billed $800M+ in annual revenue for AWS Professional Services, Marketing, and Training. Refactored the main Java code to allow for prepayments. Expanded features to new lines of business.
- Created Java-based backend service to recommend products to Amazon.com users.
- Introduced UI integration tests using Cypress and API Canary using CloudWatch Synthetics to CI/CD Pipelines.

Paperless Post - QA Engineer

New York, NY - *April 2014 – August 2015*

- Lead tester for teams working on Rails and iOS applications.
- Wrote Selenium-based integration tests in Ruby.
- Fixed bugs on Rails app and in testing framework.

Epic - Quality Assurance

Verona, WI - *Feb 2011 – July 2013*

- Tested outpatient medical software, specializing in e-prescribing and immunizations.
- Lead coordination for e-prescribing certifications with third-party vendors and regulatory auditors.
- Helped build logic for scheduling childhood immunizations.
- Wrote internal and customer facing documentation.

Skills

Recent Work Experience: Java, Python, Typescript / Node.js, AWS (CDK, Lambda, S3, DynamoDB, SQS, SNS), Git, Unix
Past Experience: Go, Ruby
Some Knowledge: Scala, C, Lisp

Education

University of Wisconsin - Madison

Professional Certificate, Computer Science, GPA 3.9/4.0, Dec 2016

- Relevant Coursework: Data Structures, Algorithms, Machine Organization, Operating Systems, Introduction to AI

Recurse Center

Oct – Dec 2013

- Participant at Recurse Center, a self-directed programming retreat with 60 other programmers
  - Pair programmed to build a Bit-Torrent client in Ruby
  - Contributed to Discourse (Open source forum software built on Rails + Ember.js)
  - Packaged a Ruby Gem for Zulip API bindings

University of Wisconsin - Madison

BA Economics, GPA 3.7/4.0, Dec 2010