

Kyle Yetter

Staff Software Engineer

  
Richmond, VA

  
(757) 880-3239

  
kyle@ohboyohboyohboy.org

  
kyle-yetter

  
ohboyohboyohboy

Education

Aug 2005 — University of Virginia  
B.S. Electrical Engineering

Open Source Projects

- 2009 - 2014 — ANLTR3 for Ruby  
<https://github.com/ohboyohboyohboy/antlr3>
- Software tool for generating language recognizers in Ruby using the Java-based ANTLR grammar analysis and code-generation tool.
  - Developed all Ruby run-time library code, StringTemplate Ruby target templates, Java classes to integrate Ruby code-generation, project support scripts, and documentation

Key Skills

|                |       |
|----------------|-------|
| Ruby           | ★★★★★ |
| Javascript     | ★★★★☆ |
| Python         | ★★★★☆ |
| TypeScript     | ★★★★☆ |
| Perl           | ★★★★☆ |
| PHP            | ★★★★☆ |
| C/C++          | ★★★★☆ |
| Java           | ★★★★☆ |
| Rails          | ★★★★★ |
| Rubygems       | ★★★★★ |
| Sinatra        | ★★★★☆ |
| RSpec          | ★★★★★ |
| Rake           | ★★★★★ |
| Capybara       | ★★★★☆ |
| Node           | ★★★★☆ |
| NPM            | ★★★★☆ |
| Angular 2      | ★★★★☆ |
| RxJS           | ★★★★☆ |
| Cordova        | ★★★★☆ |
| MySQL          | ★★★★☆ |
| Postgres       | ★★★★☆ |
| Elasticsearch  | ★★★★☆ |
| Mongo          | ★★★★☆ |
| Redis          | ★★★★☆ |
| Apache Airflow | ★★★★☆ |
| Segment        | ★★★★★ |
| GraphQL        | ★★★★☆ |
| REST           | ★★★★★ |
| TCP/IP         | ★★★★☆ |
| Git            | ★★★★☆ |
| DataDog        | ★★★★☆ |
| Jenkins        | ★★★★☆ |
| CircleCI       | ★★★★☆ |
| Puppet         | ★★★★☆ |
| Nginx          | ★★★★☆ |
| Apache         | ★★★★☆ |
| Agile Methods  | ★★★★★ |
| Kanban         | ★★★★☆ |
| TDD            | ★★★★☆ |

About Myself

I am an experienced software engineer specializing in programming with modern languages such as Ruby, Javascript, and Python. My career spans many years across gig economy markets, education tech, web hosting, and telecommunication. I have developed a broad spectrum of technical knowledge with the keen creative problem-solving skills that make for the best engineers. I take pride in my work, and I value quality in my results. I am seeking placement with a team of other talented professionals where I can exercise the full strength of my abilities.

Employment History

Huntress — Richmond, VA (remote)

<https://www.huntress.com>  
*Huntress is a cyber-security platform that focuses on detecting and preventing hacks, malware, ransomware, intrusions, and phishing on business networks.*

Senior Software Engineer

- Recently started role

Jul 2023

Wonolo — Richmond, VA (remote)

<https://www.wonolo.com>  
*Wonolo (Work Now Locally) is a gig work marketplace that allows business owners to hire workers for temporary roles*

Senior Software Engineer II

- Stack technologies: Ruby, Rails, Postgresql, GraphQL, Apache Airflow, Python, React, Redis
- Worked closely with the Trust and Safety team to integrate Wonolo's data with Unit21, a fraud detection and case management system
- Designed and maintained Apache Airflow DAGs to synchronize live application data, warehoused data, and real-time user events with third-party integrations
- Maintained the Wonolo admin site and fielded improvements for support agents and internal customers
- Researched and proposed tooling improvements for the core Rails build
- Performed the initial design and established the foundation for a customer-facing public GraphQL API

Jun 2022

TaskRabbit, Inc — Richmond, VA (remote)

<https://www.taskrabbit.com>  
*TaskRabbit, a subsidiary of IKEA, is a two-sided gig work marketplace where consumers hire professionals to assist in everyday labor*

Senior Software Engineer

- Stack technologies: Ruby, Rails, MySQL, REST, GraphQL, React, Redis, QueueBus, Linux, Nginx, Docker
- Built foundational platform for company integration with Twilio Segment.
- Designed and implemented tooling integrations for marketplace Operations teams
- Researched and designed GraphQL API for use by the mobile and web apps
- Mentored junior engineers and worked extensively to transfer knowledge.
- Provided server-side engineering support for TaskRabbit's mobile and web apps
- Wrote a regular series of articles with tips and advice on Ruby programming.
- Conducted screenings and interviews of engineering candidates

Jan 2019

eBackpack, LLC — Richmond, VA (remote)

<http://www.ebackpack.com>  
*eBackpack was a fully-featured Learning Management System (LMS) platform targeting K-12 educational institutions.*

Senior Developer

- Stack technologies: Ruby, Rails, Postgres, Mongo, REST, Angular 2, Bootstrap, Cordova, Linux, Apache
- Planned and documented high-level features and products related to the application, including a fully-featured exam design and administration tool
- Performed primary product development and maintenance for eBackpack following agile methodologies
- Handled dev-ops activities and management on the fleet of application servers and other company equipment
- Participated in a 24-hour "on call" rotation system with other senior developers to handle operational emergencies outside normal work hours

Sep 2013

*Note: This timeline has been truncated to keep this resume direct and readable. Please contact me directly if you would like my employment history prior to 2013.*