

Kyle Yetter • • • • Staff Software Engineer


Richmond, VA


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kyle-yetter


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Education • • • •

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

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 • • • •

- GitLab — gitlab.com**
Richmond, VA USA (remote)
- GitLab is an industry leader in providing DevSecOps tooling for professional software developers to design, ship, and maintain software.*
- Senior Software Engineer** Nov 2023
- Stack technologies: Ruby, Rails, AWS, GCP, Go, Postgresql, GraphQL, REST, Kubernetes, Docker, Redis
 - Resolved critical bugs in GitLab's enterprise Geo feature, ensuring reliable data synchronization across globally distributed self-hosted installations using Ruby on Rails, Git, PostgreSQL, and Redis
 - Led research and design phases for specialized on-demand backup tool, collaborating with senior engineering team to address complex data durability challenges across diverse deployment environments
 - Architected comprehensive backup solution for disaster recovery across all GitLab installation types (SaaS, self-hosted, and managed dedicated), leveraging AWS and Google Cloud Platform infrastructure
 - Mentored junior engineers through formal mentorship program, providing technical guidance and career development support
 - Led one of GitLab's team member resource group, fostering inclusive workplace culture and supporting underrepresented team members

- Wonolo — wonolo.com** 2022 - 2023
Richmond, VA USA (remote)
- Wonolo (Work Now Locally) is a gig work marketplace that allows business owners to hire workers for temporary roles*
- Senior Software Engineer II** Jun 2022
- 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

- TaskRabbit, Inc — taskrabbit.com** 2019 - 2022
Richmond, VA USA (remote)
- TaskRabbit, a subsidiary of IKEA, is a two-sided gig work marketplace where consumers hire professionals to assist in everyday labor*
- Senior Software Engineer** Jan 2019
- 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 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

- eBackpack, LLC — ebackpack.com** 2013 - 2018
Richmond, VA USA (remote)
- eBackpack was a fully-featured Learning Management System (LMS) platform targeting K-12 educational institutions.*
- Senior Developer** Sep 2013
- Stack technologies: Ruby, Rails, Postgres, Mongo, REST, Angular 2, Bootstrap,