

KYLE YETTER

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PROFILE

Software engineer with expertise in Ruby, JavaScript, and Python, delivering impactful solutions across gig economy markets, DevOps, edtech, web hosting, and telecommunications. Skilled in developing innovative applications and improving systems, which enhances user satisfaction and operational efficiency. Offers a strong foundation in modern programming languages and a commitment to excellence in software development.

EMPLOYMENT HISTORY

2023 – NOW RICHMOND, VA, USA (REMOTE)

Senior Software Engineer GitLab

- Directed research, design, and implementation phases for specialized on-demand backup tool, collaborating with senior engineers 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
- Resolved critical bugs in GitLab's enterprise Geo feature, ensuring reliable data synchronization and minimizing unexpected downtime incidents across globally distributed self-hosted installations
- Mentored junior engineers through formal mentorship program, providing technical guidance and career development support
- Led a GitLab team member resource group, promoting inclusivity and supporting underrepresented team members through targeted initiatives

EMPLOYMENT HISTORY

2022 – 2023 RICHMOND, VA, USA (REMOTE)

Senior Software Engineer II Wonolo

- Partnered with the Trust and Safety team to direct the integration of Wonolo's data with Unit21, a fraud detection and case management system, enabling detection of hundreds of fraudulent activities per quarter and reducing manual review time by 80%
- Developed and maintained Apache Airflow DAGs to synchronize live application data, warehoused data, and real-time user events with third-party integrations
- Oversaw the Wonolo admin site and implemented improvements for support agents and internal customers

2019 – 2022 RICHMOND, VA, USA (REMOTE)

Senior Software Engineer TaskRabbit, Inc


- Built foundational platform for company integration with Twilio Segment, enabling the Trust and Safety team to respond to fraudulent activity 75% faster
- Established and executed tooling integrations for marketplace Operations teams
- Researched and designed GraphQL API for use by mobile and web apps
- Provided server-side engineering support for TaskRabbit's mobile and web apps, resolving dozens of critical incidents and drastically improving backend performance
- Authored a regular series of articles on Ruby programming best practices, contributing to internal knowledge sharing and skill development

2013 – 2018 RICHMOND, VA, USA (REMOTE)

Senior Developer eBackpack, LLC

EMPLOYMENT HISTORY

- Built fully-featured test authoring and administration system which allowed hundreds of teachers to create rich assessments with automatic scoring and reporting
- Established automatic synchronization of assignment and activity due dates to students' Google and Office calendars
- Created a multi-platform mobile app using Apache Cordova to report grades and assignments to parents
- Planned and documented high-level features and product roadmaps, facilitating clear communication and alignment across development and product teams
- Led primary product development and maintenance for eBackpack, delivering new features and enhancements in an agile environment
- Coordinated devops activities for a fleet of application servers and company equipment

 2012 – 2013  VIRGINIA BEACH, VA, USA

Developer InMotion Hosting

- Designed and implemented a new product for hosting customers -- McAfee advanced spam filtering, a complex project that coordinated hosting servers, payment systems, customer records, and third-party service APIs
- Performed development and maintenance on the company's account management website using agile techniques

 2009 – 2012  VIRGINIA BEACH, VA, USA


System Administrator III InMotion Hosting

- Authored over ten tools to automate administration tasks, distributing and managing them as RedHat packages, saving hundreds of labor hours per quarter for the admin team and adopted by a team of one dozen administrators
- Maintained a Chrome extension that streamlined work for customer support representatives, reducing average call handling time by roughly 50% and improving call center efficiency

 2006 – 2008  RESTON, VA, USA

Network Technician II Sprint

EDUCATION

 2001 – 2005

Electrical Engineering | Bachelor of Science (B.S.) University of Virginia

KEY SKILLS

Ruby	<div></div>
JavaScript (ES6+)	<div></div>
Python	<div></div>
TypeScript	<div></div>
C/C++	<div></div>
Java	<div></div>
Rubygems	<div></div>
Rails	<div></div>
RSpec	<div></div>
Rake	<div></div>
Sinatra	<div></div>
Capybara	<div></div>
npm	<div></div>
Node.js	<div></div>
React	<div></div>
PostgreSQL	<div></div>
Redis	<div></div>
ElasticSearch	<div></div>
MySQL	<div></div>
RESTful APIs	<div></div>
OpenAPI	<div></div>
GraphQL	<div></div>
Segment	<div></div>
DataDog	<div></div>
Apache Airflow	<div></div>
Git	<div></div>
GitHub	<div></div>
GitLab	<div></div>
Apache HTTP Server	<div></div>
Nginx	<div></div>
Terraform	<div></div>
Ansible	<div></div>
Puppet	<div></div>
Docker	<div></div>
Kubernetes	<div></div>
Amazon Web Services (AWS)	<div></div>
Google Cloud Platform (GCP)	<div></div>



PROJECTS

📅 2009

Principal Developer ANTLR3 for Ruby

- Bridges Java-based ANTLR3 code generation with Ruby by implementing a full runtime library and target templates, enabling seamless language recognizer development in Ruby.
- Architected and implemented a full Ruby runtime library for ANTLR3 and StringTemplate target templates, enabling Ruby developers to generate language recognizers directly in their applications.
- Developed Java-based integration classes and support scripts to orchestrate Ruby code generation with ANTLR3.
- Authored comprehensive documentation and example grammars.