

software developer

me@**LUCAS**
CHARLES.me

gitlab.com/theoretick

github.com/theoretick

linkedin.com/in/lucasgcharles

About

Engineer comfortable across the stack & passionate about building tools to build more tools.

I value transparency, asynchronous workflows, documentation, minimalism, and strong opinions that are loosely held.

Professional Experience

GitLab - *Principal Engineer* | Remote, 2024 - Present

- Technical leadership for our Sec section. We build tools for both proactive and reactive appsec to protect the platform, customers, and infrastructure
- Architectural design, coaching, and mentorship
- Development of key product features including database decomposition, token auto-remediation, custom static analysis rulesets, security approvals, Kubernetes Web Application Firewall integration, and air-gapped security scans
- Member of hiring team and incident manager, handling incident resolution
- Member and functional lead for Working Groups defining database decomposition, secure token management, OLAP datastore integration, and foundations for architectural blueprint definition

GitLab - *Staff Backend Engineer* | Remote, 2020 - 2024

GitLab - *Senior Backend Engineer* | Remote, 2019 - 2020

Citrusbyte - *Lead Software Engineer* | Remote, 2016 - 2019

- Full-stack development and infrastructure for a variety of Fortune 500 clients
- Lead team of 7 engineers to build e-commerce/fulfillment system for AT&T IoT Services). Ingestion of cellular data from 100k+ IoT devices, data pipelining/metering, Interfacing with legacy telecom systems

Househappy - *Backend Developer* | Portland, OR, 2014 - 2016

- Containerized API architecture to support web & mobile clients via Ruby & Elixir
- Released multiple open-source projects including image processing gem, large scale sitemap generator, and geometry rendering utility for MacOS

New Relic - *Internal Tools Intern* | Portland, OR, 2013

- Internal applications for project & team management
- Drove public OSS release of internal software validation tool ("papers" gem)

Service Work

Mentor, Google Summer of Code | 2021

Co-Organizer, PDX Ruby | Portland, OR, 2018

Organizer & Speaker Coordinator, Ignite Portland | 2012 - 2016

- Coordination of 20+ speakers and facilitation of large-scale presentation for 700-attendee community conference

Education

B.A. (cum laude) Applied Linguistics, Portland State University | Portland, OR