

# Christopher Cummings

[chris@chriscumplings.net](mailto:chris@chriscumplings.net)

Senior Software Engineer with 16+ years of experience building scalable web apps, GIS platforms, and internal tools for startups and enterprise clients. Proven leader in streamlining systems and shipping production-grade solutions in Python, Ruby, and JavaScript.

**Languages** Python (16 yrs), JavaScript (17 yrs), HTML & CSS (17 yrs), Ruby (6 yrs), PHP, C (2 yrs)

**Frameworks** Flask, Django, Ruby-on-Rails, Bootstrap, React

**Tools & DBs** Docker, Git, Node.js, Redis, PostgreSQL, MySQL, ArcGIS, QGIS

## **Software Engineer - Dingo Ranch Labs, LLC** (2022 - Present)

- Developed research analyst tools for InkStickMedia to crawl financial and government data sources to surface information and patterns of interest.
- Delivered consulting solutions for data visibility, automation, interactive control panels, and GIS software design.

## **GIS Developer - Bell, Carrington, Price & Gregg** (2021 - 2022)

- Developed product to identify and assess property parcels most likely to be impacted by future eminent domain construction.
- Automated transformation of raw DOT PDFs and GIS files into structured, georeferenced layers for spatial analysis.

## **Software Engineer (Team Lead) - Dominion Energy** (2016 - 2020)

- Managed development lifecycle of data pipelines, web, and map applications, delivering tools for thousands of internal and external users.
- Led migration of national, production power and gas datasets between incompatible data models via ad-hoc Python-based ETL tooling.
- Served as team leader for a department of 8 software engineers.

## **Lead Developer - US Patriot Tactical** (2011 - 2016)

- Built an in-house ERP system in Ruby on Rails to manage warehouse operations and process \$3M/month in online orders.
- Created REST services to provide real-time product data via AJAX calls.
- Managed corporate IT department.

## **Developer (Civ. Contractor) - SC Army National Guard** (2008 - 2010)

- Developed dashboards and map-based applications for rendering state utility infrastructure and environmental data.
- Created automated workflows to aggregate and error check GIS datasets.

## **Sonar Technician (Active Duty, E-5) - US Navy** (2000 - 2004)

- Maintained undersea electronic and computer systems.
- Acted as training coordinator for division of 16.

**BS Geographic Information Systems**, University of South Carolina (2010)

**AS General Studies, Biology**, Tidewater Community College (2008)