

# Hrishikesh Barman

Remote · Guwahati, IN · Relocatable  
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## SUMMARY

Full-stack engineer with 2+ years of experience in data engineering and web development with an interest in data analysis and visualization seeking full-time/part-time technical data role in a high impact domain.

## RELEVANT SKILLS

<b>Data engineering</b>	Kafka, Airflow, BigQuery, PyData stack, Datasette, Metabase, other similar tools
<b>Building backends</b>	Golang, NodeJS, Python, OCaml, Ruby
<b>Working with databases</b>	PostgreSQL, MongoDB, SQLite
<b>Tools&amp;Automation</b>	Golang, Python, C++, JavaScript, Lua, Bash, CI/CD systems and CLI tools.
<b>Managing code and docs</b>	Git, org-mode, markdown
<b>Basic web applications</b>	TypeScript, React, HTML5, CSS
<b>Complex web applications</b>	WebRTC, Websockets, WebAssembly, Browser performance
<b>Operating infra</b>	AWS, GCP, Ansible, Nix, Kubernetes, Nagios, Prometheus
<b>Managing systems</b>	Containers&VMs, linux systems skills
<b>Handling distributed systems</b>	RPC, decentralized databases, message brokers, P2P
<b>Network&amp;Security</b>	SSH, Tailscale, Troubleshooting

## RELEVANT EXPERIENCE

**Data Engineer** August 2020 — March 2022  
Clarisights *Bangalore, IN*

- Designed and implemented several integrations to the ETL pipeline, ensuring efficiency in I/O. Mostly involved Ruby, MongoDB and PostgreSQL along with some Python with a pinch of Airflow.
- Was part of weekly on-calls addressing both system and customer issues. Built integrations in the stringent deadlines which helped in securing key business partnerships for the company.

**Google Summer of Code Student** May 2019 — August 2019  
CNCF/Prometheus ([follow-up](#)) *Remote*

- Worked on refining the release benchmarking system for Prometheus called Prombench. This involved working with Grafana, Containers, Kubernetes(GKE), CI/CD systems and lots of Go.
- The outcome of this effort was a heightened level of scrutiny into the Prombench system, providing developers with increased flexibility to compare different Prometheus versions with greater precision.

**SysAdmin Intern** August 2018 — December 2018  
Free Software Foundation ([follow-up](#)) *Remote*

- Evaluated the feasibility of replacing the Nagios with Prometheus. My primary responsibilities included the development of Ansible roles and create various scripts to support the implementation using python, shell scripts and go.

**Freelance Developer** November 2015 — Present  
Individual Contributor *Remote*

- Delivering functional, documented and tested code for clients globally.
- Previously worked with bespoke web applications, extensions/plugins, automation scripts/bots/scrapers.

## RELEVANT PROJECTS

<b>wscribe-editor</b> A transcript editor for whisper generations ( <a href="#">source</a> )	2023
<b>threesixfive daily</b> A digest that refreshes daily from a curated database ( <a href="#">check it out</a> )	2022
<b>gitpushblog</b> A git based blog engine ( <a href="#">source</a> )	2017
<b>projects &amp; experiments</b> Complete list of <a href="#">projects</a> and <a href="#">experiments</a>	2013 - Present

## OTHER ACTIVITIES

Opensource: Actively contributed, organized and mentored in the OSS community	2016-2020
Hackathons: Won few, but doesn't matter. Had fun.	2014-2019