

[^ ʌ ^] /

Dhruv Bhanushali

software developer and open-source maintainer

PROJECTS

pls

`pls` is a prettier and powerful `ls` for the pros. It has many additional features targeting tech-savvy users.


CLI application

 Python

github.com/dhruvkb/pls/

- Designed the command-line API & developed the app.
- Enabled endless customisation using YAML config files.

Openverse

 WordPress

Openverse is an open-source search engine for openly-licensed media that is free to modify and reuse.

Search engine

 TypeScript |  Nuxt |  Tailwind

github.com/WordPress/openverse-frontend/

The search engine is the primary channel to access the 600M+ openly-licensed creative works in Openverse catalogue.

- Developed a performant web app with server-side rendering.
- Implemented best practices for peak a11y, i18n and L10n.

API

 Python |  Django

github.com/WordPress/openverse-api/

The API enables access to the Openverse catalogue via a RESTful API for the search engine and 3rd-party integrations.

- Developed the API with OAuth2 auth and rate limits.
- Expanded scope to new media such as audio and 3D models.

Vocabulary

 Creative Commons

Vocabulary is a cohesive design system & component library to unify the web-facing Creative Commons.

UI components

 JavaScript |  Vue

github.com/creativecommons/vocabulary/

- Developed a system of design tokens and Vue components.
- Documented UI patterns using an interactive Storybook.

Omniport

 IMG, IIT Roorkee

Omniport is an end-to-end platform and app ecosystem for institutes to deploy their web portal, by and for the students.

Infrastructure

 Docker |  Bash

github.com/IMGIIITRoorkee/omniport-docker/

- Designed architecture to be cloud-native and scalable.
- Deployed as micro-services with Docker (+Compose).

Backend

 Python |  django

github.com/IMGIIITRoorkee/omniport-frontend/

- Designed to be unopiniated, flexible & customisable.
- Developed plug-&-play system for Django-based apps.
- Added WebSockets support for real-time interactive apps.

OTHER SKILLS

Java (+Swing, JavaFX, Android), Kotlin (+Android), Ruby (+Rails), Swift (+SwiftUI), Golang, Rust, C++, PHP and Bash

CONTACT

Let's get in touch.

 dhruvkb

 dhruvkb

 dhruvkb_

 hi@dhruvkb.dev

ROLES

Automattic

automattic.com

Code wrangler

Apr.21 – Present ●

- Developed the Openverse media search engine.
- Worked on features with the WordPress FOSS community.
- Onboarded & mentored new open source contributors.

BrowserStack

browserstack.com

Software engineer

Feb.20 – Mar.21 ○

- Identified & fixed issues tantamount to a GDPR breach.
- Built audit logs to prevent, detect & alert for breaches.
- Integrated all email providers with the Central Email System.
- Created system to track & visualise email engagement.
- Set up systems to improve email deliverability & reputation.

Creative Commons

creativecommons.org

FOSS community coordinator

Jul.20 – Dec.20 ○

- Identified, organised & triaged issues & reviewed PRs.
- Onboarded & mentored new open source contributors.
- Maintained the open-source site and automation workflows.
- Increased reach & engagement of the official Twitter handle.

Internship mentor

Dec.19 – Dec.20 ○

- Onboarded & guided applicants through the processes.
- Reviewed, scored & ranked proposals from candidates.
- Mentored Google Season of Docs in 2020.
- Mentored Outreachy in winter 2019-20 & summer 2020.

GSoC engineer

May.19 – Aug.19 ○

- Conceived, designed & developed Vocabulary from scratch.
- Initiated & supported Vocabulary integration with CC sites.

FamPay

fampay.in

Software engineer

Nov.19 – Dec.19 ○

- Developed the end-to-end payment flow for the application.
- Integrated with Razorpay and Cashfree payment gateways.

HackerEarth

hackerearth.com

Infrastructure engineer

May.18 – Jul.18 ○

- Wrote the IaC for the entire production architecture.
- Created tooling to deploy the IaC in an alternate AWS AZ.
- Developed scripts to launch and terminate EC2 instances.
- Isolated staging env from production in a separate VPC.
- Enabled one-click provisioning of staging environments.

Software engineer

May.17 – Jul.17 ○

- Wrote a code-evaluation engine to evaluate Java projects.
- Created tooling to automatically build and execute projects.
- Wrapped Ant in an async message-based Python evaluator.
- Developed the scaffolding architecture using RabbitMQ.
- Added provider-agnostic database connectivity using JDBC.
- Installed security policies such as memory and I/O limits.