

Pranav Krishnan

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Experience

Pixlee

Toronto, ON

Software Engineering Intern

May 2021 – Aug. 2021

- Led the development, planning and release of a complete overhaul of how Instagram accounts are authenticated, maintained and visualized - significantly reducing customer onboarding time and improving customer retention
- Re-architected the loading of widget localization, reducing size as well as load times on customers' sites by 10% and improving Lighthouse scores by nearly 20%
- Created a POC of an intuitive way to reclaim potentially lost customer revenue when featured products in user generated content are out of stock using Scala, Ruby on Rails, and Backbone/Marionette

Safe Software

Surrey, BC

Ruby Developer Intern, Cloud Team

Sep. 2020 – Dec. 2020

- Rebuilt the front-end of the primary web application to be a single-page Angular application, reducing load times for thousands of users by up to 50%, establishing component re-usability and enabling quicker development
- Engineered a REST API using Ruby on Rails with more than 30 endpoints that drove the new single-page application and enabled users to quickly retrieve data for their running instances using OAuth or an API token

OpsLevel

Toronto, ON

Software Engineering Intern

Jan. 2020 – Jul. 2020

- Led the development of a Rails based SaaS application for secret detection, including building the pipeline for running secret detection, tuning the engine to reduce false positives and designing the onboarding experience
- Built a streaming data-export feature to allow customers to fetch their account data, streaming from MySQL to S3 and accounting for replication consistency, isolation, and concurrency

Software Engineering Intern

May 2019 – Aug. 2019

- Integrated the product with Slack, allowing users to easily retrieve their microservice data using a simple Slack command and drastically reducing the time to resolution for customer incidents
- Rebuilt the continuous integration pipeline using Docker containers and GitLab runners to cut deploy times by over 300%, significantly increasing the productivity of the development team

Projects

Lineups

Jul. 2021 – Present

- A Svelte based web application that consists of various images and short form videos to teach users how to play certain positions and how to use specific abilities
- Built an accompanying back-end using Rails and PostgreSQL that allowed users to query and store lineups for the exact map, location and agent they were looking for, returning an imgur link to the exact media item

Programming Skills

Languages: Ruby, Python, C++, SQL, Terraform, Javascript, Typescript, GraphQL

Frameworks: Rails, Node.js, Django, Angular, Vue, Svelte, React, Backbone, Marionette

Tools and Environments: Bash, Vim, Docker, Git, Linux, AWS, GCP, Digital Ocean

Education

University of Waterloo

Waterloo, Ontario

Bachelor of Computer Science, Honors, Co-op

Sep. 2018 – Present

- Math Dean's Honour List - 3.93 cGPA