

EXPERIENCE

**Toptal**, Senior Software Engineer, Sep 2017 - Present

- Converted a legacy B2B marketplace website to React and Three.js. Reduced project LOC by 70% (65k -> 20k).
- Created a horizontally scalable API in Go for a face recognition service.
- Planned and developed a 100% CMS-backed catalog site using Gatsby and Contentful.
- Maintained legacy full-stack projects in jQuery and PHP. Added new features while reducing technical debt.
- Improved UX and performance of a React app by introducing smart caching policies that hit ~60% per session.

**Udacity**, Mentor, Jun 2017 - Dec 2019 (Part-Time)

- Assisted more than 400 students with Udacity's full-stack web and React courses.
- Managed 100+ students on a regular basis with an average rating of 4.7/5.

**Appbase.io**, Platform Engineer, May-Sep 2017

- Added ES 6 support to [appbase.io](#) by hacking a Go backend using pushpin for pub/sub and OpenResty for internal proxy.
- Developed an open-source [tool](#) to sync data from popular persistence engines to Elasticsearch saving 10+ hours for DevOps.

**Google Summer of Code**, Mentor, Summer 2017

- Mentored 4 students on a backend [flask server](#) and an [Ember.js MVC webapp](#) project.

**Appbase.io**, Contract Backend Developer, Feb-Apr 2017

- Developed an Elasticsearch cluster provisioning software to deploy to DigitalOcean server using Cloudflare as DNS.
- Accelerated dashboard's page load times to 1/10th by consolidating multiple APIs.
- Created an independent Dockerized [service](#) to backup consul data to AWS S3 periodically.

**Google Summer of Code**, Backend Developer, Summer 2016

- Developed a robust and modular [API](#) following blueprints approach and used Swagger for specification.
- [Implemented](#) async background tasks on the server [using Celery](#) and Redis.
- Streamlined server deployments using [Docker](#) and Kubernetes.

PROJECTS

**Clipjump**, 2013-16

- Built a clipboard manager for Windows single-handedly.
- 100k+ downloads worldwide, 10k+ SLOC, 50+ public releases, 290+ stars on [GitHub](#).

**AnyAudio**, 2016-18

- [Created](#) a popular (10k hits/day) online audio streaming service using Flask, youtube-dl, and YouTube API.
- Configured Nginx using gunicorn to load balance and serve the application.

**Various Open-Source**, 2013-present

- Created 100+ open-source projects on [GitHub](#) with combined stars > 3000.
- Contributed to many open-source projects including PrismJS, NextJS, and React-Sizes.

TALKS

- Open Event API - FOSSASIA Singapore 2017
- Creating amazing APIs in Flask with Flask RESTplus - PyCon Thailand 2018
- Creating mobile-ready web apps in 2018 - GDG Devfest Siberia 2018

ACHIEVEMENTS

- 46th rank global in Codechef ([@aviaryan](#)) Long challenge [OCT 2015](#) (Competitive Programming).
- 1st rank global in HackerEarth ([@aviaryan](#)) DCode [Regex 2016](#) (Competitive Programming).
- Multiple times featured [maker](#) on Product Hunt.
- Head, College Coding Club, 2016-18.
- 1st prize in Google Android Hackathon held in Nov 2016.
- 1st position in a state of 99M population (Bihar, India) in Indian National Informatics Olympiad, 2013.

SKILLS

**Domains:** Full-Stack Web, Algorithms and Data Structures, Scripting, Testing

**Languages:** JavaScript, Python, Go, PHP, C++

**Frameworks:** React, Redux, Gatsby, NextJS, Flask, Express, Gin, Three.js, Jekyll

**Tools:** Heroku, EC2, S3, TravisCI, Docker, Dokku, Elasticsearch, Firebase

EDUCATION

**Indian Institute of Information Technology Vadodara**, 2014-18

*Bachelor of Technology, Computer Science, 8.6/10*