

Avi is a **full stack developer** who loves exploring different technologies and learning about them. He is a fast learner who enjoys building things. He is a heavy [GitHub user](#) and has contributed to 100+ open source projects. His love for the “unknown” is what keeps him going in this evolving tech world.

EXPERIENCE

Udacity, Mentor, Fall 2017 (Present)

- Assisted more than 200 students with Udacity’s full stack web developer course.
- Managed 100+ students on a regular basis with an average rating of 4.7/5.

Appbase.io, Platform Engineer, Summer 2017 - Present

- Added ES 6 support to [appbase.io](#) by hacking a Go backend using pushpin for pub/sub and openresty for internal proxy.
- Engineered a [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, Spring 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.

Pragya Varan, Web Developer, Summer 2015

- Developed a pseudo-dynamic website using Jekyll diminishing organization’s hosting charges to 0.
- Integrate social-connect plugins such as Facebook to boost user engagement by 200%.

EDUCATION

Indian Institute of Information Technology Vadodara, 2014-18

Bachelor of Technology, Computer Science, 8.6/10

Udacity Nanodegrees

Full stack web developer, Front end web developer, Android developer

PROJECTS

Clipjump, 2013-16

- Built a clipboard manager software for Windows single-handedly.
- 100k downloads worldwide, 10k+ SLOC, 50+ public releases, 170+ stars on [GitHub](#).

AnyAudio, 2016-present

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

Portfolio, 2017-present

- [Created](#) a searchable, extensible, dynamic portfolio [website](#) using React, Redux and React-Router.
- Optimized production webpack config to bring bundle sizes down to <100kb allowing the website to load under 1 seconds.

ACHIEVEMENTS

- Certified mentor at Udacity and [Codementor](#).
- 46th rank global in Codechef ([@aviaryan](#)) Long challenge [OCT 2015](#) (Competitive Programming).
- 1st rank global in Hackerearth ([@aviaryan](#)) DCode [Regex 2016](#) (Competitive Programming).
- Gave invited [talk](#) on Open Event API at FOSSASIA - 2017, Singapore.
- [Featured](#) “maker” on Product Hunt.
- Head, College Coding Club, 2016-present.
- 1st prize in Google Android Hackathon held in Nov 2016.
- 1st in state (Bihar, India) in Indian National Informatics Olympiad, 2013.
- Android Nanodegree graduate, course sponsored by Google.

SKILLS

Domains: Backend, API Design, Competitive Programming, Scripting, Database, Unit-testing, Android

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

Frameworks: Flask, React, React Native, Express, Jekyll, Django, Vue

Tools: Heroku, AWS, TravisCI, Docker, Kubernetes, Sketch, ElasticSearch, Google Cloud, Firebase