

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 - Part Time)

- 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 - Autumn 2017

- 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.
- Google Facilitator for CS with Android course.
- 46th rank global in Codechef (@aviaryan) Long challenge OCT 2015 (Sport Programming).
- 1st rank global in Hackerearth (@aviaryan) DCode Regex 2016 (Sport 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.

SKILLS

**Domains:** Backend (web), API Design, Frontend (web), Sport Programming, Scripting, Unit-testing, DevOps

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

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

**Tools:** Heroku, EC2, S3, TravisCI, Docker, Kubernetes, ElasticSearch, Firebase