GITHUB: aviaryan
WEB: aviaryan.in
LINKEDIN: aviaryan

AVI ARYAN

@aviaryan123
+91-8581817978
avi.aryan123@gmail.com

Full stack web developer with experience in API Design, Unit testing and building Service Oriented Applications.
Heavy GitHub user with contributions to 100+ open source projects.
Passionate about building things and solving real world problems.

EXPERIENCE

Toptal, Freelancer, Mar 2018 - Present (Part Time)
 • Worked on a Python backend that reads cryptocurrency data and displays them on a React powered webpage.

HapRamp, Co Founder and Full Stack Developer, Oct 2017 - Present
 • Developed a Blockchain based user incentivising social network's backend using ERC20 based Steem SMT tokens.
 • Worked on a PWA interface in ReactJS to provide best web experience to the end-users.

Udacity, Mentor, Jul 2017 - Present (Part Time)
 • Assisted more than 800 students with Udacity's Web development, Android and React courses.
 • Managing 100+ students on a regular basis with an average rating of 4.7/5.

Google Summer of Code, Mentor, Summer 2017 (Part Time)
 • Mentored 4 students on a backend flask server and an Ember.js MVC webapp project.

Appbase.io, Platform Engineer, Jan - Sep 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.
 • Developed an ElasticSearch cluster provisioning software to deploy to DigitalOcean server using Cloudflare as DNS.
 • 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.

EDUCATION

Indian Institute of Information Technology Vadodara, 2014-18
Bachelor of Technology, Computer Science and Engineering, 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.
 • 200k downloads worldwide, 10k+ SLOC, 50+ public releases, 200+ 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 "Computer Science 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 #1 platform for launching products "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: Full Stack (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