AVI ARYAN

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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 30 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, Intern, Summer 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 (Present)
 • Mentored 4 students on a backend flask server and an Ember.js MVC webapp project.

Appbase.io, Contract 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, Student 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, 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