Parth Dode

dodecoder@gmail.com   d80ep08th
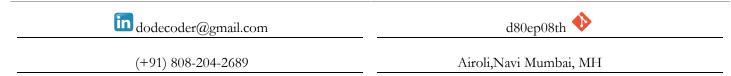
(+91) 808-204-2689   Airoli,Navi Mumbai, MH

HTML . CSS . Python . Node . Zsh . Atom . Embedded Linux . Kali . Parrot . Ubuntu . Git . Docker .

Examination	University	Institute	Graduation Year	CGPI / %
Graduate	Mumbai University	DMCE, Airoli	2020	6.56
Intermediate	HSC	IDUBS Jr. College, Bhandup	2016	73.69%
Matriculation	CBSE	DAV Public School, Airoli	2014	92.2 %

WORK EXPERIENCE

Open Source Developer at Rug Pull Index.com   **Aug. 2021 –**

- Rugpullindex.com is a data set index that measures the data set performance of all assets listed on the Ocean Protocol Data Market. We crawl all of Ocean Protocl's data markets on a daily basis. All data markets are then ranked relatively to their market's liqudity and by how equal the market's stake is distributed among liquidity providers (we use a gini coefficient). On the front page: The best data sets are ranked highest.
- https://port.oceanprotocol.com/t/rugpullindex-com-r11-improving-data-trading-safety/1074
- https://port.oceanprotocol.com/t/rugpullindex-com-improving-data-trading-safety/970

Open Source Engineer at Resurface Labs   **Feb. 2021 – July 2021**

- Resurface turns every API call into an observable transaction a browser based user interface, like Wireshark but for chrome to log your api calls
- Capture, store, and explore every REST and GraphQL call. So you can easily investigate failures, identify threats, and improve performance for real API consumers
- Resurface Labs is mentioned by Forbes as top 25 ML startups in 2021 funded and is by Access Venture Partners.
- Dockerization of multiple web apps that were used to represent the logging functionality to clients.
- Smoke tested the internally developed applications to ensure basic functionality during code deployments.
- Required technologies :Aiohttp, Flask, Django, Rails, Sinatra, Express, Apollo, Koa, Jersey, GraphQL, MySQL and Trino

Google Summer of Code 2020 Participant with The Linux Foundation   **May 2020 – Aug. 2020**

- Upstreamed code using Gerrit, Jira C, Cmake, Kbuild , the yocto system, Python and Bash
- Google Summer of Code is a global program focused on bringing more student developers into open source software development. Students work on a three month programming project with an open source organization during their break from university.
- The Linux Foundation is a non-profit technology consortium founded in 2000 as a merger between Open Source Development Labs and the Free Standards Group to standardize Linux, support its growth, and promote its commercial adoption.
- Automotive Grade Linux is a collaborative open source project that is bringing together automakers, suppliers and technology companies to accelerate the development and adoption of a fully open software stack for the connected car. With Linux at its core, AGL is developing an open platform from the ground up that can serve as the de facto industry standard to enable rapid development of new features and technologies.
- Operated RaspberryPi4, Docker , Qemu, Jailhouse and KVM hypervisor to build and test the customizations.
- Mentored by : Jan Simon Moeller

- Documented the project as a website: https://d80ep08th.github.io/Port-Jailhouse-to-AGL/

Backend Engineering Intern at AGS Transact Technologies   **Dec. 2019 – Jan. 2020**

- Unpaid internship
- Developed a website using ASP.NET mvc
- Used .NET core cli
- Wrote code to check that the password is at least 8digits, has numbers, alphabets and special characters.
- Created database and table in sql to store the registered users

LEADERSHIP & AWARDS

- The Linux Foundation Training Certified LFD103: A Beginner's Guide to Linux Kernel Development
- Django and flask workshop as an initiative to teach the students of my college how to apply python to build websites in my college lab
  - Guided 3 juniors and schooled the audience about hacking up a website ..
  - Used the platform to talk about open source development of Django and flask.

PERSONAL PROJECTS

- **Operating System for Two-Wheelers as Final year project**
- **Sentiment Analysis (VADER NLP).**
- **Google Assistant Home Automation system**
- **Detecting Pneumonia from Lungs X-ray .**
- **Chat room using C .**
- **Spider that crawls a list of 1000 urls to search for their logos using xpath**

PAID PROJECTS

- ★ https://gerrit.automotivelinux.org/gerrit/c/AGL/meta-agl-devel/+/25149
- ★ https://gerrit.automotivelinux.org/gerrit/c/AGL/meta-agl-devel/+/25162
- ★ https://github.com/resurfaceio/test-express/commit/e22a3c56c96882a64cd0153a5dcd32b041f311fb
- ★ https://github.com/resurfaceio/test-express/commit/fc92de670c112ca39c4a7299720b905a73c7ed8d
- ★ https://github.com/resurfaceio/test-rails/commit/f1d0bc9168a63b4d242b69ef60328faa4ced3d21
- ★ https://github.com/resurfaceio/test-jersey/commit/4983e9b0a9165b794abf2c78b30cded002eb76b2
- ★ https://github.com/resurfaceio/test-jersey/commit/0845a817bbf7b0aa71be8b0a075707b390f769f9
- ★ https://github.com/rugpullindex/svg-line-chart/issues/9
- ★ https://github.com/rugpullindex/list-metadata/issues/1
- ★ https://github.com/rugpullindex/metrics/issues/1
- ★ https://github.com/rugpullindex/metrics/pull/3
- ★ https://github.com/rugpullindex/svg-line-chart/pull/38
- ★ https://github.com/rugpullindex/svg-line-chart/pull/39
- ★ https://github.com/rugpullindex/svg-line-chart/pull/40
- ★ https://github.com/rugpullindex/svg-line-chart/pull/41

SKILLS

Frameworks & Libraries: Discord.js, Django, Flask, Aiohttp, Express, Apollo, Koa , Laravel, Tensorflow, Pytorch, Pandas, Numpy, Vader NLP, Npm , Pytest

Tools : Shell [Bash, Zsh] . IRC . Atlassian Jira . Github. Gerrit . Raspberry pi . make. Makefiles Arduino . Qemu . Wireshark . Burp Suite . Nmap . Owasp ZAP . Vim . Midnight Commander . PGP . Jupyter Notebooks . Slack . Dropbox