

Parth Shandilya

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EXPERIENCE

Software Engineer

Aug 2020 – Present

European Organization for Nuclear Research (CERN)

Geneva, CH

- Working on REANA that is a reproducible analysis platform to run containerized data analysis pipelines on remote compute clouds helping 10000+ scientists and researchers worldwide.
- Working on Opendata to simplify user access to 2 PB+ data produced through the research performed at CERN.
- Improving REANA to process workflows resiliently on the remote compute clouds like Kubernetes and HTCondor.

Software Engineering Intern

May 2020 – July 2020

Rocket Software - Linux Foundation

Remote

- Worked on Zowe desktop documentation viewer to implement document viewing feature using native VS code editor impacting 4000+ Z-OS users using JavaScript, React and ExpressJS.

Software Engineering Intern

January 2020 – June 2020

European Organization for Nuclear Research (CERN)

Geneva, CH

- Worked on Indico, which is used every day at CERN to manage 600000+ events, 200+ conference rooms and United Nations also use Indico to handle more than 180000+ participants of conferences happening worldwide.
- Worked on implementation of category-scoped groups, registration and abstract statistics improvements in Indico.

Software Engineering Intern

September 2019 - December 2019

Premiere Digital Services

Remote

- Worked on Storefront, the world's most powerful SaaS platform for managing global content for 20+ platforms, including Netflix, Amazon Prime, Youtube, Disney, and many more.
- Worked in bugs and enhancement team that involved resolving bugs and improving features reported by clients.

Software Engineering Intern

May 2019 - July 2019

Perpule(Acquired by Amazon)

Bangalore, IN

- Worked on the innovative cloud-based POS (point of sale) that enables offline stores to manage better their inventory, checkout process, and overall customer experience impacting 30+ offline big multi-chain retail stores.
- Developed APIs for real-time syncing of store and cloud, allowing clients to seamlessly checkout analytics.

Google Summer of Code

April 2018 - August 2018

Google - FOSSASIA

Remote

- Worked on badgeryay which enables event organizers to generate badges, impacting 100+ event organizers.

PROJECTS

Background | 498 Stars

- A Python package that makes very simple to run things in the background of a python application.

pip-purge | 126 Stars

- A Python package that uninstalls everything in your virtual environment.

Loan Approval Prediction | 44 Stars

- The prediction of loan approval based on applicant details using logistic regression model.

Ali Scraper | 33 Stars

- A free, open source scraper for Ali express integrated with google spreadsheet helping drop-shipping business.

TECHNICAL SKILLS

Languages: Python, Go, JavaScript, SQL, C, HTML5, CSS3

Frameworks: Flask, Django, React, Angular, EmberJS, ExpressJS, Semantic UI, PostgreSQL, D3.js

Developer Tools/Environment: Git, Docker, Kubernetes, Elasticsearch, SQLAlchemy, Redis, Kibana, Heroku, GCP

TECHNICAL CONFERENCE TALKS

PyCon Australia - 2019: Web Accessibility In Django

EuroPython, PyCon US - 2019: Chirps - A Twitter Bot Framework in Python

FOSSASIA Summit - 2018: Creating Badges with Badgeryay