

Aakash Gajjar

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Summary

Passionate full-stack developer, dedicated to solving problems, a fast learner, tech enthusiast who enjoys tinkering anything. Interested in devising a better problem-solving methods for challenging tasks and learning new technologies and tools.

Education

The Maharaja Sayajirao University of Baroda

M.S. IN APPLIED PHYSICS

Vadodara, Gujarat

July. 2015 - May. 2017

- Project work on studying behavior of Quantum Entanglement Entropy in 1-dimensional spin-1/2 chain for different partition lengths.

The Maharaja Sayajirao University of Baroda

B.S. IN SCIENCE

Vadodara, Gujarat

July. 2012 - May. 2015

- Courses: Advanced physics courses, with interest in Computational Physics
- Implemented Ising-model in JAVA to simulate/visualise entropy behaviour of ferromagnetic system

Skills

Front/Back-end

Express, React, Node.js, Redux, Pug

Programming

Python, Ruby, JavaScript, HTML5, CSS, C, TeX, Bash, Java, Fortran

Database

MongoDB, Redis

Miscellaneous

Git, Travis CI/CD, Chrome Dev tools, Mocha, Chai, Pytest, Nginx, PM2, GPG, SSH

Languages

English, Gujarati, Hindi

Projects

Complete list of projects can be found on my [GitHub](#).

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PERSONAL WEBSITE

- React + Tailwind CSS on frontend and Next.js on backend, with Framer motion for animation
- Dynamic clock widget using SVG, and last.fm scrobbles

magzdb

PYTHON PACKAGE TO SEARCH AND ARCHIVE MAGAZINES FROM MAGZDB.ORG

- Used 'argparse', 'requests', 'loguru' and GitHub actions to automate development process
- Achieved 100% code coverage and Package installs over 18k+ on pypi

snapchat-dl

DOWNLOADING PUBLIC SNAPCHAT STORIES FROM USERS.

- Add support for parallel downloading using 'concurrent.futures' to speedup downloads
- Used 'pytest' for testing, 'pyperclip' for cross-os clipboard reads

instagram-story

PYTHON PACKAGE TO ARCHIVE INSTAGRAM STORIES OF USERS

- Interaction with Private Instagram API to fetch user data
- Implemented persistent cookie based authentication using 'request.Session' API

Certifications

2022 **A Beginner's Guide to Open Source Development (LFD102)**, The Linux Foundation

Vadodara, Gujarat
(Online)

Honors & Awards

2018 **Professor (Dr.) Padmini Agarwal Gold Medal**, The Maharaja Sayajirao University of Baroda

Vadodara, Gujarat