

Karan Suthar

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EDUCATION

SKIT, JAIPUR

B.TECH IN COMPUTER SCIENCE

Aug 2015 - May 2019

Average score - 71.25%

Jaipur, Rajasthan

MODERN SR. SEC. SCHOOL

HIGH SCHOOL | SCIENCE

2013 - 2015

12th Standard: 82.8%

SHRI ABHAY NOBELS

SECONDARY SCHOOL

Till 2013

10th standard: 79.5%

LINKS

Github:// [karansthr](#)

LinkedIn:// [karansthr](#)

Twitter:// [@karansthr](#)

StackOverflow:// [karansthr](#)

COURSEWORK

UNDERGRADUATE

Operating Systems

Object Oriented Programming

Data Structures and Algorithm

Compiler Construction

Software Engineering

Unix Tools and Scripting

SKILLS

PROGRAMMING

Strong:

Python

Familiar:

C • C++ • JavaScript

Frameworks:

Django • Flask • Bootstrap

Tools:

Git • Docker

EXPERIENCE

DEEPSOURCE | SOFTWARE ENGINEER

April 2020 - Present | Bengaluru, India

DeepSource is a **Y Combinator** backed startup that builds workflows to analyze source code with static analysis. My responsibilities included but not limited to building **core product services end to end**, and making the application **ready for enterprise** offering right from its inception to deployment.

- Integrated Bitbucket VCS to analyze repositories with autofix
- Designed and worked on **RBAC, Audit Log** and **SSO with SAML** which helped make the application enterprise ready
- Developed **internal tools** for syncing analyzer assets with application
- Built a **webhook relay service** to efficiently retry failed webhooks from the VCS providers in case our stack goes down
- Increase unit test coverage of the critical parts of the product to **100%**

CYWARE LABS | SOFTWARE ENGINEER

May 2019 - March 2020 | Bengaluru, India

- Built **License Manager** for generating and managing enterprise license from scratch - and developed feature gating on application side to limit feature, handle expiry etc. based on the license
- Responsible for **end-to-end enterprise deployments**

MISTAY | SOFTWARE ENGINEERING INTERN

May 2018 - July 2018 | Dec 2019 - Feb 2019 | Bengaluru, India

- Made parts of the system Python 2/3 compatible
- Worked on internal tools used by operations team
- API and webhook integration for services like Freshdesk, SurveyMonkey etc.

PROJECTS

PLAYLIST LENGTH PYTHON PACKAGE

Source | Feb 2018 - Mar 2018 | FFMPEG | PyPI/Playlist-Length

- Command-line, tool for calculating length of all the videos in a directory

URL SHORTENER PYTHON/DJANGO

Source | Feb 2018 - Mar 2018 | FFMPEG | PyPI/Playlist-Length

- A web-app and CLI tool to shorten URLs

POSITION OF RESPONSIBILITY

- 2017 **PYTHON CLUB** - Mentor/Instructor of the Python Club at SKIT College.
- 2016 **CODE EMBLAZE** - Problem setter and organizer of a national-level coding competition on online coding platform HackerEarth