SHUBHAM MISHRA
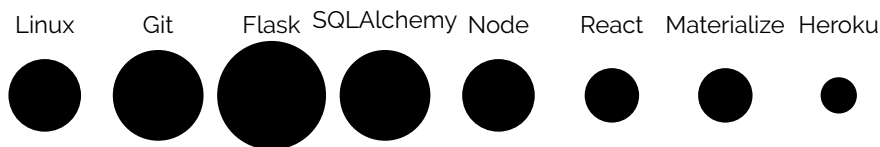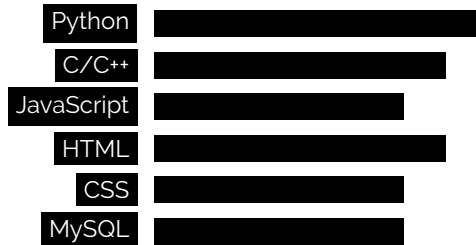
UG student, CSE IIT Kharagpur

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🔗 github.com/grapheo12
f grapheo12

PERSONAL INFORMATION

I am an aspiring developer who tries to solve world's challenges through code. My primary interest is in Backend engineering, System Design and Security. I am quick at learning new things and I prefer hands-on experience through projects.

Python
C/C++
JavaScript
HTML
CSS
MySQL

Linux   Git   Flask   SQLAlchemy   Node   React   Materialize   Heroku

PROJECTS & EXPERIENCES

2019 — **Backend developer** — IIT Technology Ambit
- Created the DB Schema, Models and Services
- Created the Continuous Deployment System from scratch
- Project Links: `https://github.com/iit-technology-ambit`, `https://iit-techambit.in`

`Python / Flask / Multiprocessing / Webhooks`

2019 — **Flask-GDrive**
- Flask plugin that fetches static content from Google Drive
- Provides DB like support using Google Sheets
- Published in PyPI: `https://pypi.org/project/Flask-GDrive/`

`Python / Flask / Google API`

2019 — **MFQP** — MetaKGP
- Question Paper searching site for IIT KGP
- Created a PDF question scraper and organizer based on BFS
- Current maintainer

`Python / BeautifulSoup`

2019 — **lmake**
- Live compilation facility for code under debug
- Github repo: `https://github.com/grapheo12/lmake`

`Python / os`

2019 — **Git & Github Workshop** — Kharagpur Open Source Society
- Taught a class of 60 students how to use Git

`Git / Github`

2019 — **CSAW ESC 2019** — SEAL, IIT Kharagpur
- Learnt about firmware reverse engineering
- Helped the team in qualification stage

`Ghidra`

2017 — **Illus**
- Minimal Drawing App in Python

`Python / Tkinter`

EDUCATION

| 2018 – 2022 | **B.Tech. in Computer Science & Engineering** | **IIT Kharagpur** |

- Current CGPA: 9.91/10.0
- CSE Courses taken: Programming and Data Structures, Algorithms-I, Discrete Structures

| 2018 | **WBCHSE [PCM Stream]** | **Bk.T.P.P. Prabir Sengupta Vidyalaya** |

- Obtained marks: 474/500

| 2016 | **WBBSE** | **St. Andrew's High School** |

- Obtained marks: 674/700

LANGUAGES

English - Proficient
Bengali - Native
Hindi - Proficient

HOBBIES

I love reading story books, listening to music and, of course, coding.

CAMPUS ACTIVITIES

I am part of NSS and Kharagpur Open Source Society (KOSS).