

Eshan Kelkar

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EDUCATION

Pursuing B.Tech. (2021-2025)

Computer Science & Engineering
IIIT – Bhopal, India

CGPA : 9.78/10 up to 5th semester

Currently in sixth semester

CBSE XII marks : 97.6 %

Year of passing : 2021

CBSE X marks : 97.16 %

Year of passing : 2019

SKILLS

C

Level : Intermediate
Multi Threading, Forking,
Network & System Programming

C++

Level : Intermediate

Javascript

Level : Beginner

HTML5 Canvas Programming

Level : Intermediate

Bash Shell Script

Level : Beginner

I am currently looking for a role as an intern where I can contribute and make an impact in programming domain using my skill set.

PROJECTS

libssh async SFTP client Google Summer of Code 2023

libssh participated in Google Summer of Code 2023 program and I was selected as a participant to write long awaited functionality for high performance SFTP transfers. I was paid a stipend of 3000 USD.

- Using the low level asynchronous API user can perform remote read and write operations.
- Using the high level file transfer API user can perform local to remote, remote to local & remote to remote file transfers. The high level API internally uses the low level asynchronous API.

URL : <https://galorithm.com/gsoc2023>

File transfer utility

- Using this utility, the user can login remotely through a Command Line Shell and perform file transfer operations.
- User can use commands like upload, download, mkdir, ls, cp, mv, rm etc. to perform specific operations.
- User will have to install a server program on the remote machine and install a client program on local machine.

URL : <https://galorithm.com/FileTransferUtility>

Algorithms & data structures visualization tool

- It is an application with HTML Canvas User Interface
- User can choose algorithm or data structure to visualize
- Application accepts data and dynamically generates animated visuals. At the end, the user can visualize the C programming language code being typed, compiled and executed.

URL : <https://galorithm.com/Algorithms>

Components library for HTML Canvas

- It contains set of classes that represent components that can be used in a HTML Canvas application.
- Form, Label, TextBox, ActionButton & List are the components present in the library.
- The components have support for mouse, keyboard, focus and change events.

URL : <https://galorithm.com/CanvasComponents>