Kapil Deshmukh

deshmukhkapil4@gmail.com | 9767 801 357

EDUCATION

MANIPAL UNIVERSITY JAIPUR
BTech in Computer Science
2018-2022
GPA: **9.84**

MODERN COLLEGE
2018
87.69 %

LINKS

LeetCode: **KapProDes**
Github: **KaProDes**
LinkedIn: **kapil-d**

SKILLS

PROGRAMMING

• **Java**, **C++** and **C** Proficiency

• **Python3** and **BASH** Scripting

•**Front End Web** : React, HTML5, CSS3, JavaScript ES10, EJS.

•**Back End Web** : Node JS (Express JS), Firebase functionality, Flask.

•**Databases** : MongoDB, MySQL, PostgreSQL, Firebase Fire store

• **Rest API** design and **Git VCS**

COURSEWORK

Data Structures and Algorithms
Automata and Compiler Design
Operating Systems
Databases and ERP
Unix Tools and Scripting

EXPERIENCE

DELL | Software Development Engineer – Intern
June 2021 | Bangalore
- Created an Internal **Content Management System** from scratch with over **300+ documents** and SQL Queries hosted
- Scaled to be editable by **100+ users** on the production server.
- Built a **NodeJS backend** with **auth0** Authentication and build Authorization functionality from scratch
- Integrated a **Rich Text Editor**, Markdown Editor and Document to HTML converter with **code sanitization**

CAMPK12 | Software Engineering Intern
May 2020 | Gurugram
- Contributed to the Instructors' Forum - an internal **Q&A and support platform**. Optimized deployment size by **20%**
- Built the frontend to distribute **Code Snippets, Content and Examples** to the Teaching staff
- Worked with the team on **migrating** the Project to Heroku in **8 days** - saving the organization an estimated **2,00,000 INR** in Hosting bills
- Rebuild the 2 sections of the frontend in **ReactJS**, reduced average loading time to **4.8 seconds**

PERSONAL PROJECTS

STORYMARKER •WEBSITE •GITHUB
- Collaboration Platform
NodeJS, auth0, EJS Templating, MongoDB, REST APIs, Bootstrap 5
- StoryMaker is a **collaboration tool** built for small-medium size software development teams.
- Web based solution enabling small teams to finalize features, assign stories and share **design snapshots and code.**

SMALL LINK •WEBSITE •GITHUB
- Link Shortening WebApp
ReactJS, NodeJS, MongoDB, REST APIs, Bootstrap 5
- Anonymity centred **Link Shortening** service enabling users to instantly shorten hyperlinks.
- The Project uses **MongoDB** to store generated mapped **Short URLs** and allows for **routing** when the shortened URL is invoked.

MOVIE PUNDIT •WEBSITE •GITHUB
- Content Recommendation System
flask, streamlit, nltk, pandas, REST APIs, Bootstrap 5
- A content based movie **recommendation system** build using **cosine similarity** ranking and uses **TMDB API** for movie metadata

AWARDS

2020	Top of the class	Sophomore Year, Computer Science
2019	Top of the class	Freshman Year, Computer Science
2017	Math Olympiad Runner Up	Tel Aviv University, Israel