

Kapil Deshmukh

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Kapil-Deshmukh-Website

EDUCATION

IIT GUWAHATI

MTECH IN COMPUTER SCIENCE
2022
opted out

MANIPAL UNIVERSITY JAIPUR

BTECH IN COMPUTER SCIENCE
2018-2022
GPA: 9.80

MODERN COLLEGE

2018
87.69 %

LINKS

Portfolio: **Website**
Gitlab: **kapil35**
LeetCode: **KapProDes**
Github: **KaProDes**
LinkedIn: **kapil-d**

SKILL SET

- **Back End Web** : Node JS, GraphQL, Firebase, Flask.
- **Front End Web** : React/Redux, HTML5, CSS3, JavaScript ES10, EJS.
- **Databases** : PostgreSQL, MongoDB, MySQL, AWS S3, Lambda and EC2
- **Rest, GraphQL API** design and **Git**
- **Java, C++** and **C** Proficiency
- **Python3** and **BASH** Scripting

COURSEWORK

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

EXPERIENCE

TODDLE | SOFTWARE ENGINEER

March 2022 - Present | Bangalore

- Designed, developed, and oversaw the implementation of **52 features and 110 enhancements** for the Reports, Transcripts, and Terms modules of the product.
- Implemented over **20 customized features across 7 epics** to enhance the client experience and deliver personalized solutions.
- Participated in systematic **code reviews** and **optimization initiatives**, resulting in a **37%** reduction in aggregate response time for the users
- Led the development of **API endpoints** for seamless feature porting, Positively impacting a global user base of **600k+**.

DELL | SOFTWARE DEVELOPMENT ENGINEER - INTERN

June 2021 | Bangalore

- Developed a highly-functional and user-friendly **Content Management System** from scratch, hosting over **300+** documents, code snippets and tech diagrams.
- Designed and built a secure and efficient **NodeJS backend** with **auth0** Authentication, incorporating customized Authorization functionality for heightened data security and access control
- Integrated features like **Rich Text Editor**, Markdown Editor, and Document to HTML converter with **code sanitization** to ensure the system complied with the highest security standards, while being user-friendly.

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

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**.

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