PRAKASH KUMAR

📞 7479433835 ✉ prakashope@gmail.com in Prakashkumar ⭘ Prakashh21

Experience

Contributor   March 2022 – current
FNNDSC/Redhat CHRIS PROJECT — ⭘ Contributions   *Remote*

- Worked on the **chris_ui** a **front end of the Chris project** , solved numerous issues including **migrated session storage to local storage allowing for persistent login sessions accross different tabs.**
- Worked on **Chris_ultron_backend** the restful django backend of chris , implemented **mixins** to include **Content-Length response headers** for the all the http requests which were made for a file response from the swift object storage.
- **Improved non x86_64 build times by 200%** for the data manager of Chris(**pfcon**) by building **wheels** for the **python packages** for ppc64le architecture which were otherwise compiled from source.
- Worked on **Migrating** the local development Setup from **docker-compose** to **kubernetes** cluster.

Product Engineer Intern   Nov 2021 – March 2022
PEPCODING EDUCATION PRIVATE LTD   *Noida, Uttar Pradesh*

- ∗ Worked in the content pipeline mainly in Databases and Operating Systems.
- ∗ Worked with OS/161 tool chain in OS/161 course , implemented Locks and Conditional Variables.
- ∗ Implemented Semaphores and Solved syncronization problems
- ∗ Created content for Query processing in DBMS.

Education

BIRSA INSTITUTE OF TECHNOLOGY   Jun. 2018 – Jun 2022
Bachelor of Technology in Electronics and Communication Enginnering CGPA: 7.73   *Dhanbad*

Projects

MacOs BigSur Clone | *HTML, CSS, JAVASCRIPT, CANVAS API* | ⭘ **Github** | ⊕*Live*

- · A webOS interface built without using any framework, inspired from MacOS bigSur.
- · A scalable platform to make and deploy apps in future, Window management and minimizing functionality
- · Added Apps and Games – Jira , Excel , Camera ,Music , Pokemon card cuphead.

Ticket Manager App | *HTML, CSS, JAVASCRIPT.* | ⭘ **Github** | ⊕*Live*

- · A Ticket Management App where users can create and manage tickets.
- · Data of the tickets stored in the local storage hence data is persistent even if user closes the browser
- · Filter functionlity added wherein users can filter and display only specific tickets based on their color.

Instagram With Reels | *REACT JS, FIREBASE, HTML, CSS, JAVASCRIPT,* | ⭘ **Github**

- ∗ The functionality and UI of Instagram Reels and Firebase API is used for user authentication.
- ∗ Users can view their own and other profiles, write post comments, and send friend requests.
- ∗ Provides the ability to upload reels, as well as storing data in a Firebase real-time database.
- ∗ Allows user to upload their reels , like and comment on other reels.

Camera And Gallery App | *HTML, CSS, JAVASCRIPT, CANVAS API* | ⭘ **Github** | ⊕*Live*

- Click Images, Record Videos, apply Filters.
- Users can save their photos and videos in Gallery.
- Zoom in Zoom out functionality added.
- Users can Download their images and videos.

Technical Skills

Languages and Frameworks : Python, Javascript, HTML CSS, ReactJS, NodeJs, Django.
Tools : Git, Linux, Docker, Kubernetes, bash , VS Code.

Open Source Organizations

Fedora/Fedora Docs ⭘ *Link* – Contributed to fedora docs improved the UI and UX of the fedora docs page

The Chris Project ⭘ *Link* – Chris is a platform to make medical image analysis accessible for doctors and Researchers

Unstrucured-Studio/ZubHub ⭘ *Link* – ZubHub is a free web platform that expands access to low-cost creative learning and collaboration opportunities globally to children in underserved communities.