AASHIRWAD KUMAR

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Education

Birla Institute of Technology   July 2018 – Current
Imsc Mathematics and Computing, GPA:8.63   *Mesra, Jharkhand*

Experience

Floxus   Feb 2022 – current
Student Developer   *Ranchi, Jharkhand*
- Worked on developing CRUD app for clients alongside team with React and utilising hooks functionality incorporating state management using Redux and API Management using Middlewares with Firebase backend.
- Developed communication channel for Company Website and Unbound Website using Discord Js,Node Js and React
- Managed and Developed Webflow and Shopify E Commerce WebApps for clients incorporating UI/UX practices and E-Commerce features.
- Developed React,Material UI and Monaco Editor based Code Editor using Judge0 Api server as code server with features to change modes,compile and display results of code in 5 languages.

SNTI, Tata Steel   May 2020 – August 2020
Internship   *Jamshedpur, Jharkhand*
- Developed a service to identify distance between two objects in a Real Time Video.
- Incorporated scripts using Python,Open CV and Image Segmentation with YOLO , IMAGENET techniques to develop a Social Distance Monitoring App.
- Utilized prebuilt app on Google playstore to capture video through mobile camera and stream results using hotspot on local computer.
- Explored ways to perform video analytic and image processing in Backend.

Projects

Diary App | *React, Redux, Javascript, Material UI, Firebase*   **Web Development**
- Developed a Diary Webapp using React hosted on local server to update and retrieve daily entry from Firebase
- Implemented CRUD principles and utilized Firebase authentication and FireStore schema based on Database principles.

- Implemented React Hooks , Redux State Management and asynchronous data handling alongside Formik for forms in React.

CricNews Telegram Bot and Website | *Javascript, NodeJS, Telegraf*   **Backend Web Development**
- Created Telegram Bot Server using Telegraf and NodeJs to handle APIs using axios and create bot commands for Telegram using Telegraf.
- Implemented FlexBox CSS and fetch , async , await and DOM Manipulation to make a Dynamic Website to daily update Cricket News from around the world

CodeEditor | *React,Material UI,Axios,Judge0, Monaco Editor*   **Web Development**
- React based CodeEditor with design using Figma and implemented using MUIv5 incorporating theme changeand other design principles.
- Used Monacio Editor by Microsoft to implement code editor features and incorportated 5 languages with intellisense support in Javascript.
- Using Axios to fetch results from Judge0 server API for code review and code compilation.

Technical Skills

Languages: Python, C++, HTML/CSS, JavaScript
Developer Tools: VS Code, DevTools, NPM, Google Cloud, Telegram Bot,Discord JS , Monaco Editor
Technologies/Frameworks:React, NodeJS, Linux, GitHub, Latex, Redux, Material UI, Firebase, Shopify, Webflow

Leadership /Achievements

- **IET, BIT Mesra, Member**: Organised Linux Networking with over 500 participants.

- **Smart India Hackathon:Finalist**: Selected for Smart India Hackathon from BIT Mesra to represent university at National Stage.

- **Crio Do Weekend Challenge**: Secured rank 1 in Crio Do weekend Challenge , developing an application utilizing asynchronous functions using API.

- **Secured 228 rank in IIT JAM Exam**: Masters Entrance organised by IISC Bangalore in Mathematical Statistics