**Week 21**

**Name: ROHITH K**

**Mobile:**

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| **Personal Development Workouts** |
| 1. Watch at least 7 Ted talks (Minimum one Ted talk per day) and do its audio note. |
| *Write a short description about this task*  *Link to the folder containing your audio summary* |

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| **Technical Workouts** |
| 1. This week you are going to start your second project. Do all the planning activities related to your next project by the end of this week and prepare a presentation on it. Your presentation should explain what you are going to do in the upcoming weeks.    1. NB: Candidates are advised not to start coding. This week is for project planning only. 2. Divide your project into modules. 3. Prepare a dated timeline in the module list. 4. Prepare API documentation for your project. 5. Prototype your complete project using any prototyping tool such as “Figma” or XD. 6. Prepare Database design for your project. |
| *Write a short description about this task : During this week, I will set up the development environment for my movie booking website. I will install Python, React, and any necessary libraries or frameworks required for the project. In the second week, I will focus on developing the admin-side features of the website. I will create the admin dashboard, which will serve as a centralized platform for administrators to manage the website's content. During the third week, I will focus on developing the user-side features of my movie booking website. I will design and develop the homepage, booking functionality, and other user-oriented features. To keep users informed, I will implement the display of announcements on the websiteIn the final week, I will concentrate on the final touches and deployment of my movie booking website*  *Link to your complete project tutorial:* [*https://youtu.be/wjUzx4q90tA*](https://youtu.be/wjUzx4q90tA) |
| *Write a short description about this task : Building a movie booking website using a modular approach allows for a more organized and efficient development process. Each module is allocated a specific timeline for planning, design, development, content integration, testing, and optimization. In the planning and research stage, goals are defined and research is conducted, taking about 1-2 weeks. Designing individual modules follows, with a timeframe of 2-4 weeks to ensure a visually appealing and functional interface. The development phase involves coding each module separately, which typically takes 2-4 weeks. Content integration, testing, and optimization follow, each requiring 1-2 weeks to ensure seamless functionality and user experience. By approaching the website development in modular phases, it allows for easier management and flexibility throughout the project.*  *Link to the document containing your list of modules :*  [*https://docs.google.com/document/d/1OcZfZJTGHKh90WFMt6rjTAwDLB0IuU6\_/edit?usp=sharing&ouid=118162681808182863910&rtpof=true&sd=true*](https://docs.google.com/document/d/1OcZfZJTGHKh90WFMt6rjTAwDLB0IuU6_/edit?usp=sharing&ouid=118162681808182863910&rtpof=true&sd=true) |
| *Write a short description about this task :Building a movie booking website involves several key stages. The first step is planning and research, which takes about 1-2 weeks, where you define goals, research similar websites, and identify your target audience and desired features. Next, the content creation phase spans 2-4 weeks, during which you gather and create compelling content, write copy, and collect testimonials. The design and wireframing stage, lasting 2-4 weeks, involves creating wireframes, designing the user interface, and incorporating branding elements. Development follows, lasting 4-8 weeks, encompassing converting the design into a functional website, developing front-end and back-end components, and testing for functionality and compatibility. Content integration and optimization take 1-2 weeks, where you add and format content and optimize the website for search engines. Finally, the review, testing, launch, and promotion stage lasts around 1 week, during which you conduct thorough reviews, test performance, and execute a marketing plan. These timelines are approximate and may vary depending on the project's complexity and available resources.*  *Link to the document containing your dated timeline :*  [*https://docs.google.com/document/d/1gAFXBVVPh\_GTnLFfa62YOPF60qp4xEaO/edit?usp=sharing&ouid=118162681808182863910&rtpof=true&sd=true*](https://docs.google.com/document/d/1gAFXBVVPh_GTnLFfa62YOPF60qp4xEaO/edit?usp=sharing&ouid=118162681808182863910&rtpof=true&sd=true) |
| *Write a short description about this task:Django and React are popular frameworks used for building web applications, and both offer extensive documentation to assist developers in utilizing their features effectively. Django, a Python-based backend framework, provides comprehensive documentation that covers its various components, such as models, views, templates, and forms. The Django documentation offers detailed explanations, code examples, and best practices, making it a valuable resource for developers working with the framework.React, on the other hand, is a JavaScript library for building user interfaces, often used in conjunction with a backend API. React's documentation provides guidance on its core concepts, component lifecycle, state management, and integration with other libraries and frameworks. It offers clear explanations, code snippets, and interactive examples, enabling developers to understand and implement React efficiently.*  *Link to the api document of your project:*  [*https://docs.google.com/document/d/1kUbeNs0ESBCoHUnyzCXJ-yhzOaNT-c-L/edit?usp=sharing&ouid=118162681808182863910&rtpof=true&sd=true*](https://docs.google.com/document/d/1kUbeNs0ESBCoHUnyzCXJ-yhzOaNT-c-L/edit?usp=sharing&ouid=118162681808182863910&rtpof=true&sd=true) |
| *Write a short description about this task: Designing in Figma is an enjoyable experience as it offers a user-friendly interface and a wide range of features. With Figma, I can easily create and organize design elements, such as buttons, icons, and layouts. Its design systems feature allows me to maintain consistency across my designs, saving time and effort. Collaborating with my team members is seamless with Figma's real-time collaboration feature, enabling us to work together and provide feedback in real-time. Additionally, Figma's library of plugins and integrations enhances my design workflow by providing access to additional tools and resources. Overall, Figma is my go-to tool for creating visually appealing and interactive designs.*  *Link to the prototype :* [*https://www.figma.com/file/50FJ3Z6Oj6bBmXsQxRQ6BE/MOVIES-NOW-Web-Design?type=design&node-id=2%3A3&mode=design&t=GOpHNI9pi0bKn7Ks-1*](https://www.figma.com/file/50FJ3Z6Oj6bBmXsQxRQ6BE/MOVIES-NOW-Web-Design?type=design&node-id=2%3A3&mode=design&t=GOpHNI9pi0bKn7Ks-1) |
| *Write a short description about this task : Drawing an SQL database schema for PostgreSQL involves visualizing the structure and relationships of tables, columns, and constraints. Using tools like ER diagrams or visual editors, I can visually represent the entities, attributes, and relationships within the database. With PostgreSQL, I can define tables, primary and foreign keys, indexes, and other constraints, providing a solid foundation for data organization and retrieval. Drawing the SQL schema helps in understanding the database structure, optimizing queries, and ensuring data integrity and consistency within the PostgreSQL database.*  *Link to your database design document:* [*https://drawsql.app/teams/rk-4/diagrams/moviesnow*](https://drawsql.app/teams/rk-4/diagrams/moviesnow) |

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| **Miscellaneous Workouts** |
| 1. Practice typing for at least one hour each day. Finish as many chapters as possible as you can. Don’t spend more than an hour each day. 2. Prepare a topic for the tech seminar. Record and upload it on youtube as an unlisted video. 3. Conduct a Feedback session by the end of this week. 4. Prepare your progress video for the last week. Record and upload it on youtube as an unlisted video. |
| *Write a short description about this task : This week I've improved my typing speed a little bit. Also, my accuracy is improving.Now I know the position of all fingers on the keyboard.Typing Club is a good website for learning to type faster.to compare other weeks my typing speed has improved .This task is very helpful to improve my typing skill .Typing is the process of inputting text or other data into a computer or other device by pressing keys on a keyboard. Typing is an important skill for many tasks, such as writing emails, creating documents, or coding.Improving my typing skills can help you work more efficiently and accurately, There are many typing practice and tutorial programs and websites available to help us improve our typing skills. Iam improving day by day .Now my typing speed is better.*  *Link to screenshot image :* |
| *Write a short description about this task : The metaverse refers to a virtual universe where people can interact with each other and digital objects in real-time, blurring the boundaries between the physical and digital worlds. It is a collective space that combines augmented reality, virtual reality, and the internet. In the metaverse, users can engage in various activities, such as socializing, gaming, working, and exploring new experiences. It has the potential to revolutionize communication, entertainment, and commerce by creating immersive and interconnected virtual environments that can be accessed from anywhere.*  *Link to your seminar video :* [*https://youtu.be/NsJZ6pmkPHY*](https://youtu.be/2rZyhZXTfk4) |
| *Link to the document containing notes for your feedback session* |
| *Write a short description about this task*  *Link to your progress video* |