**[Slide 1: Your Profile]**  
Hey, everyone! I’m Bhawna Vishwakarma, currently doing a full-stack development internship at CyberDairy Solutions.

**[Slide 2: Company Profile]**  
Let me tell you a little bit about the company. CyberDairy Solutions is growing fast and doing some amazing work in web designing, software development, and industrial training.  
Here’s what we focus on:

* We offer **affordable web hosting** and **domain registration** with really good support.
* We also provide **Shoutcast Radio Hosting** for easy online audio streaming.
* Our **Bulk SMS and Voice Broadcast** services help businesses with marketing.
* We design both **static and dynamic websites**.
* **Computer Education** is another area we excel in, with over 1200+ students trained since 2009.
* We work with **OJS** to help publish journals.
* And we build **E-commerce websites** that help businesses sell their products online.

A few quick achievements:

* We’ve built **1300 websites**.
* Have **63 clients for Bulk SMS**.
* Work with **12 overseas clients**.
* Developed **19 web apps**.
* And we’ve got **28 streaming clients**.

**[Slide 3: Project Title]**  
Now, let’s talk about the project I’ve been working on called **CodeKatha**.

**[Slide 4: Project Definition]**  
So, **CodeKatha** is a web-based platform where authors can publish blogs on different topics. Users can easily explore these blogs, filter them by categories, and even leave comments. It’s a platform designed to share knowledge, mostly focused on tech-related topics.

**[Slide 5: Technology Used]**  
Here’s the tech stack I’ve been using:

* **Frontend**: React.js, which is awesome for building interactive user interfaces.
* **Backend**: Node.js with Express.js, which makes handling server-side operations really smooth.
* **Database**: MySQL to store and manage everything, like authors, blogs, and comments.
* **Other tools**: HTML, CSS, and JavaScript to build the basic web structure, and **Canva** for creating some cool blog graphics.
* And of course, **ChatGPT** has been a huge help for generating blog content quickly!

**[Slide 6: Database Entities (Tables)]**  
Let’s talk about the database for a second. It’s called **CodeKathaDB**, and it’s got four main tables:

1. **Authors Table**: This one stores details about the authors, including their names.
2. **Categories Table**: Here, I store different blog categories like "JavaScript", "Python", etc.
3. **Blogs Table**: This stores the actual blogs, including the title, content, and links to both authors and categories.
4. **Comments Table**: This one stores the comments left by users on blog posts.

The relationships between these tables are maintained using foreign keys, which ensures that if an author or category is deleted, the related blogs and comments are also removed automatically.

**[Slide 7: Project Demo]**  
Here’s a quick look at how it works:

* You can easily **create and edit blogs**.
* Users can **filter blogs** by category to find what they’re interested in.
* There’s a **comment system** where users can share their thoughts on the blogs.
* And the whole site is **responsive**, so it looks great on desktops, tablets, and mobile devices.

**[Slide 8: Problems and Solutions]**  
I faced a couple of challenges during the project:

1. Managing the **relationships** between authors, blogs, and categories was tricky at first, but using a **relational database (MySQL)** with cascading delete functionality made it a lot easier to keep things organized.
2. **Content creation** was a bit of a hurdle at first, but **ChatGPT** helped me come up with content ideas and draft blogs quickly, making it much easier.

**[Slide 9: Total Time Taken (Category-wise)]**  
Now, let’s talk about how much time I spent on different tasks:

* **Research and Planning**: 53 minutes (On 14th Nov, where I discussed project ideas and planned out the structure).
* **UI/UX Design**: 197 minutes (On 17th and 18th Nov, creating wireframes and planning the design).
* **Frontend Development**: 920 minutes (Between 20th and 22nd Nov, I was busy working on the frontend, including the Navbar, Pages, Pagination, and Searchbar).
* **Backend Development**: 411 minutes (On 19th and 20th Nov, where I worked on backend APIs and error handling).
* **Database Design and Integration**: 85 minutes (On 14th and 15th Nov, creating the database, tables, and populating them with data).
* **Testing and Debugging**: 33 minutes (On 22nd Nov, I fixed some minor bugs like issues with dates and categories).
* **Deployment**: No time mentioned yet, but it’s on my list for the near future.

And that’s the summary of my project, **CodeKatha**! Thank you so much for listening, and if you have any questions or want to connect, feel free to reach out to me via LinkedIn or email!