**Slide 1: Your Profile**

* **Name**: Bhawna Vishwakarma
* **Position**: Full Stack Intern
* **Company**: CyberDairy Solutions

**Slide 2: Company Profile**

* **Overview**:  
  CyberDairy Solutions maintains consistent fast-track growth, excelling in Web Designing, Software Development, and Industrial Training.
* **What We Do**:
  + **Web Hosting**: Affordable hosting with excellent support.
  + **Domain Registration**: Easy domain registration and transfer.
  + **Shoutcast Radio Hosting**: Simplified online audio streaming.
  + **Bulk SMS & Voice Broadcast**: Effective SMS and call-based advertising solutions.
  + **Website Designing**: Static and dynamic web development.
  + **Computer Education**: Over 1200+ trained students since 2009 (affiliated with MCU).
  + **Journals Development**: Publishing systems powered by OJS.
  + **E-Commerce Websites**: Solutions to connect products with customers.
* **Achievements**:
  + **Websites Built**: 1300
  + **Bulk SMS Clients**: 63
  + **Overseas Clients**: 12
  + **Web Apps Developed**: 19
  + **Streaming Clients**: 28

**Slide 3: Project Title**

* **Title**: CodeKatha

**Slide 4: Project Definition**

* **Definition**:  
  CodeKatha is a web-based application enabling authors to publish blogs categorized by topics. Users can explore, filter, and interact with blogs through a dynamic commenting system.

**Slide 5: Technology Used**

* **Frontend**: React.js
* **Backend**: Node.js with Express.js
* **Database**: MySQL
* **Others**: HTML, CSS, JavaScript
* **Design Tools**: Canva (for blog graphics)
* **Content Assistance**: ChatGPT

**Slide 6: Database Entities (Tables)**

* **Database Name**: CodeKathaDB
* **Tables**:
  + **Authors Table**:
    - author\_id (Primary Key, auto-incremented)
    - author\_name
  + **Categories Table**:
    - category\_id (Primary Key, auto-incremented)
    - category\_name
  + **Blogs Table**:
    - blog\_id (Primary Key, auto-incremented)
    - title, author\_id, category\_id, tags, date, content
    - Foreign keys:
      * author\_id references authors(author\_id) with cascade delete
      * category\_id references categories(category\_id) with cascade delete
  + **Comments Table**:
    - comment\_id (Primary Key, auto-incremented)
    - blog\_id, author, date, content
    - Foreign key:
      * blog\_id references blogs(blog\_id) with cascade delete

**Slide 7: Project Demo**

* Include screenshots or videos of:
  + Blog creation and editing.
  + Filtering blogs by categories.
  + Adding and viewing comments.
  + Responsive design views (desktop, tablet, mobile).

**Slide 8: Problems and Solutions**

* **Problem**: Managing relationships between authors, blogs, and categories.  
  **Solution**: Use a relational database (MySQL) with cascading delete functionality.
* **Problem**: Content creation challenges.  
  **Solution**: Leverage ChatGPT for seamless blog content generation.

**Slide 9: Total Time Taken (Category-wise)**

* **Research and Planning**: 53 minutes  
  (Project meeting on 14th Nov 2024)
* **UI/UX Design**: 197 minutes  
  (Wireframe creation for multiple pages on 17th and 18th Nov 2024)
* **Frontend Development**: 920 minutes  
  (Creating and fixing frontend elements, such as Navbar, Pages, Pagination, Searchbar, and bug fixes between 20th and 22nd Nov 2024)
* **Backend Development**: 411 minutes  
  (Creating backend APIs and handling errors between 19th and 20th Nov 2024)
* **Database Design and Integration**: 85 minutes  
  (Creating the database, tables, and inserting data between 14th and 15th Nov 2024)
* **Testing and Debugging**: 33 minutes  
  (Fixing minor bugs, such as date and category issues, on 22nd Nov 2024)
* **Deployment**: 0 minutes  
  (No time mentioned for deployment yet)