

**DATE: 5 June, 2024**

**DAY: Wednesday**

Today marked the commencement of my internship at Tosh Branding Pvt. Ltd., an esteemed company recognized for its innovative prowess in digital solutions. During the introductory session, the team provided a detailed overview of the company's diverse portfolio of projects and their commitment to delivering cutting-edge web development and digital marketing solutions.



## **Projects Overview:**

### **1) Sakshi Innovation Website:**

Developed to showcase innovative solutions and services. Utilizes technologies such as HTML, CSS, JavaScript, and possibly integrated with a backend system.

### **2) Oyo Mover Project, Australia (App + Website):**

A comprehensive platform for booking moving services,  
Technologies involved: React Native for the app, MERN stack (MongoDB, Express.js, React.js, Node.js) for the website

### **3) Wave Mall Website, Noida:**

E dissemination Technologies: React.js for frontend, Node.js and Express.js for backend, MongoDB for database management-commerce platform for a mall, facilitating online ordering and information

### **4) Local Company Projects:**

Gurtoy: Specifics not detailed, likely involves developing a website for a local business. Dietitian Service: Website offering dietary consultation services.

## Topics and Main Lines for Discussion:

### 1) Introduction to MERN Stack:

Explanation of MongoDB, Express.js, React.js, and Node.js. Discussing the role of each component in building scalable full-stack applications.



### 2) Project Management and Workflow:

Methodologies employed in managing projects like Sakshi Innovation, Oyo Mover, and Wave Mall. Insights into task assignment, tracking, and completion strategies.

### 3) Technology Stack in Projects:

Reasons behind selecting MERN stack for projects. Challenges encountered and solutions implemented during the development phase.



## Some Questions Ask by them on MERN Stack:

- Advantages of MongoDB over traditional relational databases. Methods for ensuring data integrity and handling transactions in MongoDB.

- Overview of React.js component lifecycle. Techniques for managing state and props within React components.
- Fundamental concepts of Node.js' event-driven architecture. Approaches to managing asynchronous operations in Node.js applications.