# MY INTERNSHIP EXPERIENCE
# WSA - MERN STACK

NAME: Satyam Prashant
EMAIL: satyamprashant2002@gmail.com

# Table Of Contents



Frontend

Backend

# OVERVIEW

- Full-stack development is a rapidly growing field in technology, involving work on both the front-end and back-end of web applications.
- A full-stack developer needs a deep understanding of various technologies and programming languages, including HTML, CSS, JavaScript, React, Node.js, and MongoDB.
- In our internship, we utilized these technologies to build and manage complete web applications, gaining practical experience across the entire development process.

# Goals Of Internship

1 .Gain foundational knowledge in HTML, CSS, and JavaScript to build and style web applications.

2. Acquire a solid understanding of MongoDB, Express.js, React.js, and Node.js by working with these technologies in a real project.

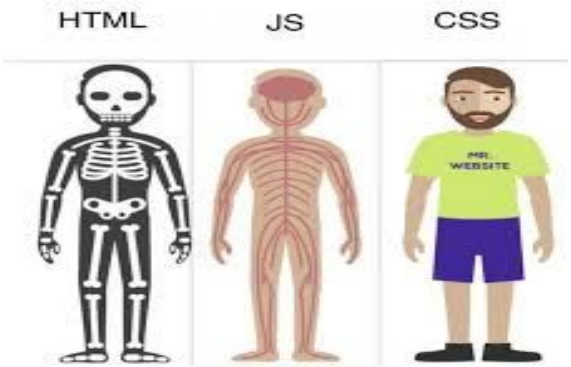
3. Develop practical skills in both front-end and back-end development by building and integrating features for the "Order-lt" food ordering system.

# Full Stack Development

Full-stack development is the process of designing, creating, and testing a complete web application. It involves working with a range of technologies and tools, including both front-end and back-end components.

Full-stack developers are responsible for the entire development process, from initial design and coding to deployment and maintenance. They work with various technologies such as HTML, CSS, and JavaScript for the front-end, and server-side languages like Node.js, Python, or Ruby for the back-end.

# Front End Technologies


# MERN Technologies

# MERN Stack Development

MERN stands for MongoDB, Express, React, Node, after the four key technologies that make up the stack that is used for easier and faster deployment of full-stack web applications.

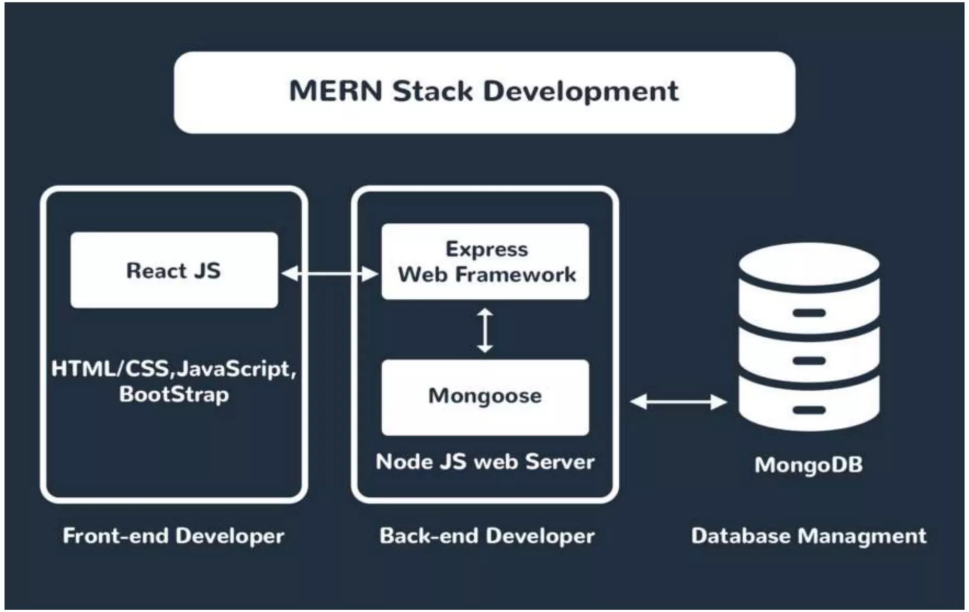
**MongoDB** - document database in NoSQL, stores data in json files.

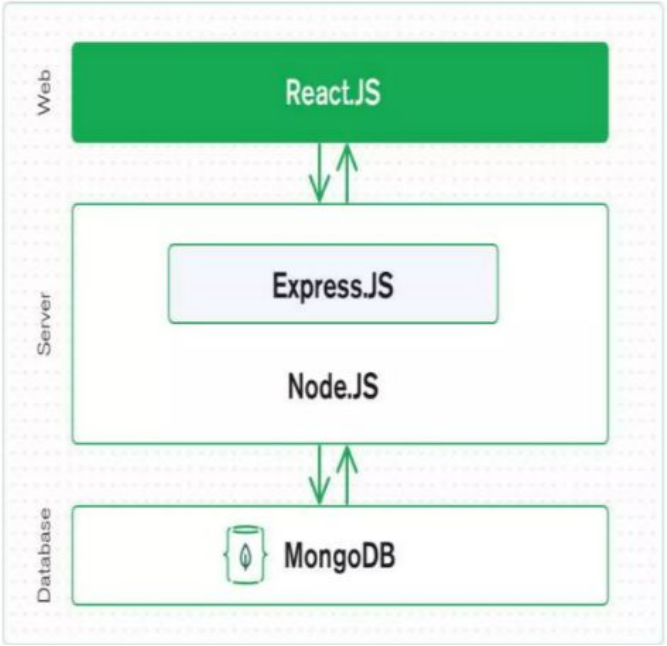
**Express(.js)** - Node.js web framework to manage the application's data.

**React(.js)** - client-side, builds frontend user interface for interactions.

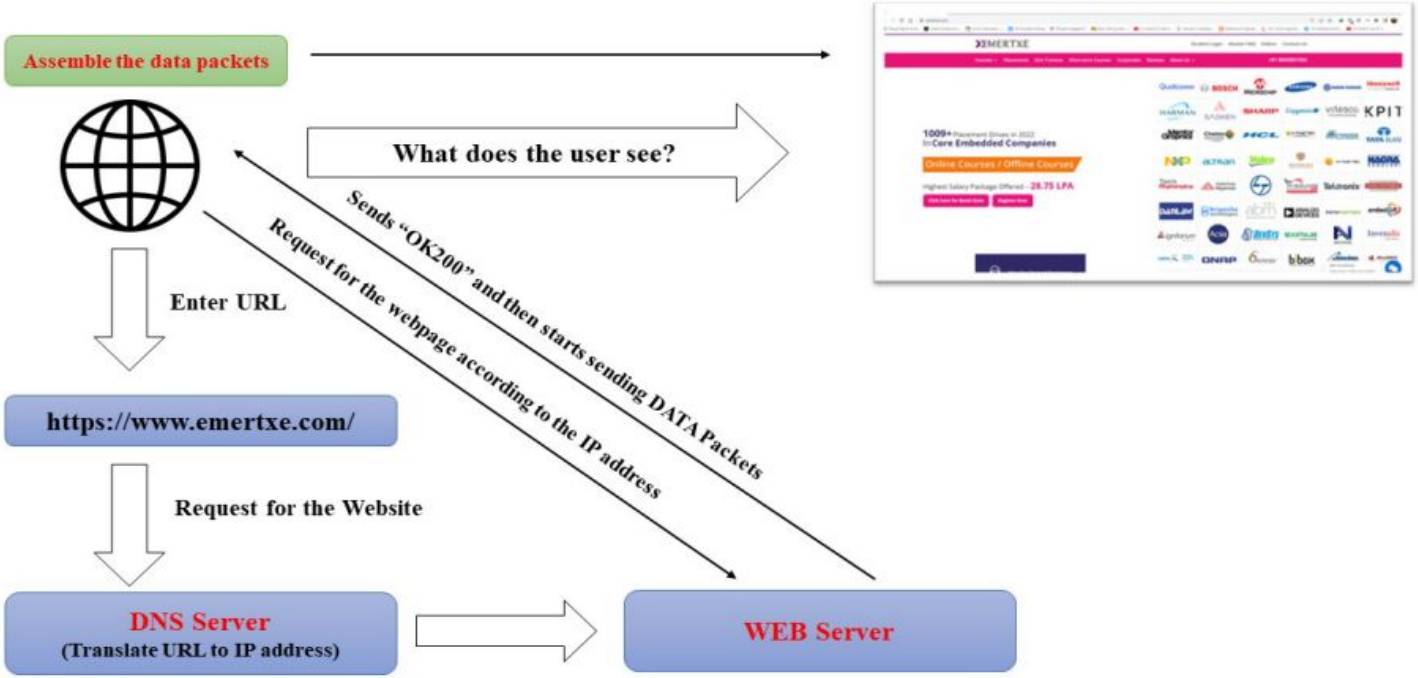
**Node(.js)** - runtime environment, communicates b/w server & client.

# Architecture and Design



# Working of Website (A brief Overview)



# Project Details

- The project was all about building an online food ordering website from scratch.
- The project, "**Order-It**" is a food ordering system developed using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- **Frontend** - React.js
- **Backend** - Node.js and Express.js
- **Database** - MongoDB

# Technologies Used

- *MongoDB* : A popular NoSQL database that provides high scalability and flexibility.
- *Node.js* : It is an open source server environment that allows developers to run JavaScript on a server side .
- *Express.js* : A fast and minimalist web framework for node.js that simplifies the process of building web applications.
- *React.js* : A JavaScript library for building user interfaces
- *Mail trap* : A website to send mail and receive mail.
- *Stripe* : Is used to process the payments.

# PROJECT LIVE DEMO

# THANK YOU