FULL STACK DEVELOPMENT CLUB

EVENT REPORT ACADEMIC YEAR 24-25

1. Report On Full Stack Development inauguration

The Full Stack Development Club in **jeppiaar institute of technology** organized a highly engaging event on **23/08/2024**. The event aimed to bring together students interested in full stack development, providing them with hands-on experience and insights into the latest trends and technologies in the field.
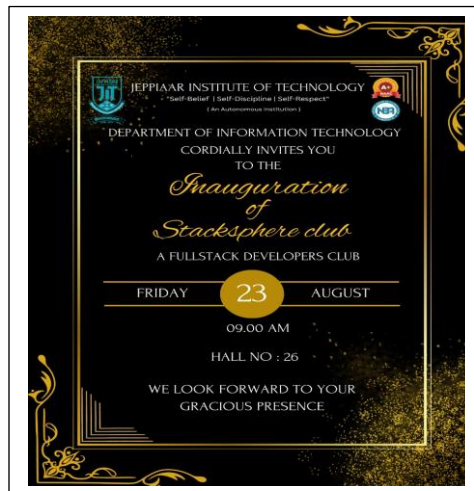
2. Objective

The primary objective of the event was to enhance the skills of participants in **full stack development**, from frontend to backend technologies. The event also focused on fostering collaboration among students and encouraging them to work on real-world projects.

Event Details
- **Date:** [23/08/2024]
- **Time:** [8.30-9.30]
- **Venue:** [Project Lab Behind the staff room]
- **Participants:** [2nd Year & 3rd Year students]
- **Event Guests:[** Dr. N. Marie Wilson, Dr. G. R. Suresh, Dr. Madhusudanan, Dr. Shanthini, Dr. Shenbaga Ezhil]

3. **Agenda**

The event began with a symbolic candle-lighting ceremony, signifying the illumination of knowledge and the bright future ahead for all participants. This ceremony set a positive and energetic tone for the rest of the event, emphasizing the importance of learning and collaboration in the field of full stack development.

1. **Introduction to Full Stack Development**

Stack Sphere is more than just a club; it is a platform for collaboration, innovation, and the cultivation of fullstack development skills. Here, we aim to foster a community where ideas can flourish, and dreams can be realized.

- Overview of Full Stack Development
- Key technologies (HTML, CSS, JavaScript, Node.js, etc.)

Overall, the program was very interactive & informative along with students. The session was concluded with feedback and group photo.

4. **Project Development**
- Participants formed teams and worked on mini-projects
- Projects included building web applications with full stack technologies
- **College Web Portal Project:**
  - **Overview:** The team behind this project aimed to create a comprehensive web portal for the college, designed to streamline access to important information and services for students, faculty, and staff.
  - **Features:**

- **User Authentication:** Secure login for students and faculty.
- **Dashboard:** A personalized dashboard displaying relevant information such as announcements, timetables, and upcoming events.
- **Course Management:** Features for students to view course materials, assignments, and grades.
- **Communication Tools:** Integrated messaging system for easy communication between students and faculty.
- **Event Management:** A section to manage and register for college events and workshops.
  - **Technologies Used:** The project utilized a range of technologies including HTML, CSS, JavaScript for the frontend, and Node.js, Express.js, and MongoDB for the backend. The integration of these technologies provided a seamless user experience.
  - **Presentation:** The students provided a live demonstration of the web portal, showcasing its functionality and how it could be beneficial for the college community. The project was well-received by the attendees, highlighting the practical application of full stack development skills.

This project not only demonstrated the technical prowess of the students but also their ability to identify and address real-world needs within their college environment.

Guest Speaker Session

- Talk by **Dr.G.R.SURESH OUR PRINCIPAL**, whose unwavering support has nurtured a culture of academic rigor and innovation.

- Insights into industry practices and emerging trends

Group Photo Session:

The Full Stack Development Club event successfully achieved its goal of providing a comprehensive learning experience for the participants. The event not only enhanced technical skills but also encouraged teamwork and problem-solving abilities.

After a day filled with learning and collaboration, the event concluded on a high note with group photos, capturing the spirit of camaraderie and accomplishment. These photos will serve as a lasting memory of the event and the connections made during the day.

We look forward to organizing more such events in the future.