

# Hands On Training In Full Stack Development

**Dates:** October 22nd and 25th, 2024

## **Resource Persons:**

- **Mr. S. Karan** (Full Stack Developer, DATADNA)
- **Mr. D. Kavın** (Full Stack Developer Supporting Team, DATADNA)

Overview :

The hands-on Full Stack Development training was specifically intended for 3<sup>rd</sup> year Computer Science and Business Systems students to help them improve their technical abilities and prepare for industry expectations. The training spanned two days, to equip students with with practical skills in both front-end and back-end web development.

## **Day 1: October 22nd, 2024**

On october 22<sup>nd</sup> the ceremony began with a formal introduction of the resource persons, Mr.S. Karan and Mr.D. Kavın. Dr. Sathya (HOD of the CSBS Department) felicitated guests, and Mr. Manicavasagan and Ms. Angel Baraka gave them mementos as a token of thanks. Participants learned the fundamentals of front-end development, with a focus on HTML, CSS, and JavaScript. The session covered important topics such as web page structure and semantics, style strategies, and responsive design ideas using HTML, CSS, and JavaScript. They also learned react.js and experienced it by developing a basic React application. Participants took part in hands-on coding exercises, building simple web pages and integrating responsive design with CSS frameworks.

## **Day 2: October 25th, 2024**

The second session on October 25 focused on back-end development. Students experimented server-side JavaScript and built RESTful APIs with node JS. Students used practical exercises to create a basic web application that combined front-end and back-end components, enhancing their grasp of the full stack development process. Students interacted with resource professionals about job options in IT disciplines. The program culminated with a Q&A session in which students may clarify questions and explore advanced subjects.

The hands-on approach provided students with practical experience and confidence in Full Stack development. Students gave favourable reviews on the training, particularly on the interactive approach and the ability to engage on real-world projects. The session not only improved their technical ability, but also encouraged teamwork and problem-solving skills.

