**Workshop**

**Introduction to Full-Stack Web Development**

**Topics Covered:** HTML & CSS, JavaScript, React, Nodejs & Express, Rest API with Nodejs

**Prerequisite:** Some knowledge of computer and internet, HTML, CSS & Programming, **Software:** Nodejs, Database Software, Web-Browser, Text Editor (VS Code recommended)

**Day 1**

* Introduction to web-dev – 5min
* Basic HTML Refresher – 20min
* Basic CSS Refresher – 25min

**Day 2**

* Basic of JavaScript – 50min

**Day 3**

* Introduction to Nodejs and node package manager (npm) – 10min
* Intro to React – 25min
* Introduction to Express – 15min

**Day 4**

* Basic of REST full API – 5min
* Creating REST API with Nodejs and Express – 20min
* Basic of Database – 20min

**Day 5 – Project Backend**

* Setting up the database and schema – 25min
* Creating the REST API for project – 25min

**Day 6 – Project Frontend**

* Creating a React Project – 15min
* Using REST API from Frontend – 20min
* Styling the Frontend – Student Work